UNIVERSITY OF CALIFORNIA, DAVIS

BERKELEY • DAVIS • IRVINE • LOS ANGELES • RIVERSIDE • SAN DIEGO • SAN FRANCISCO

SANTA BARBARA • SANTA CRUZ

LARRY N. VANDERHOEF
Chancellor at Davis

JANET C. HAMILTON
Vice Chancellor-Administration

OFFICE OF THE VICE CHANCELLOR-ADMINISTRATION
ONE SHIELDS AVENUE
DAVIS, CALIFORNIA 95616-8540

January 22, 2001

Jenny J. Gifford
[redacted]

RE: California Public Records Act Request

Dear Ms. Gifford,

I received your check in the amount of $9.80 as payment for the records you requested in your letter that we received on November 13, 2000 and have enclosed a receipt.

The following records that are responsive to your request for all records pertaining to monkey 25142 are enclosed:

1) All of the pages from the health jacket of 25142 (81 pages).
2) Animal Demographic/Medical Profiles for animal 25142 (6 pages).
3) Protocol for Animal Use and Care that describes the study in which animal 25142 is involved - Protocol #8146 (11 pages).

We have redacted personally identifying information concerning individuals directly involved in research activities concerning primates due to verbal and physical harassment, including death threats that have been made against these individuals. This information is withheld pursuant to section 6255 of the California Public Records Act which permits the University to not disclose records when the public interest served by not making the records public clearly outweighs the public interest served by disclosure of the record. In this case the public interest in withholding personally identifying information about these individuals due to actual harassment and threats of harassment that have occurred and continue to occur clearly outweighs the public interest in the disclosure of this information. See, e.g., Times Mirror Co. v. Superior Court, 53, Cal.3d 1325 (1991) (public interest in withholding the appointment calendars of the Governor of California due to "potential threat to the Governor's physical security" outweighed public interest in disclosure of the calendars); New York Times Co. v. Superior Court, 218 Cal.App.3d 1579 (1990) (names of persons who have violated water allocation limits may be withheld when there is evidence that release of such information may subject those persons to harassment or assault).

Should you have any additional requests, please let me know.

Sincerely,

Lynette Temple

Lynette Temple
Information Practices Coordinator
(530) 752-3949

Enclosures

DEAD

☒ VIRAL PRECAUTION

1314

CALIFORNIA PRIMATE RESEARCH CENTER

HEMATOLOGY

6X49 , PVR06
I.D. PROJECT CODE

MCY 25142
ANIMAL I.D.

INVESTIGATOR REQUESTOR

3/18/99
DATE OF SAMPLE

ANIMAL DATA: 5007 - 80
HOME ROOM CAGE

F SEX | 16 YR 6 MO AGE | 3.58 KG WEIGHT

PRODEDURE IS: ____ DIAGNOSTIC AID ____ COLONY MANAGEMENT ____ EXPERIMENTAL

CLINICAL SIGNS / PROBLEMS:

PRIOR THERAPY ☒ NO ☐ YES

HOSPITALIZED NO ☒ YES ☐ ____ ROOM ____ CAGE

☐ 2-COLOR FACS CD4 = /µl

☐ 3-COLOR FACS CD8 = /µl

CD4/CD8 RATIO =

BLEEDING CONDITIONS: ☐ Squeezed - limb pulled ☐ Caught on run ☒ Fasted 8 hrs ☒ Anesthetized ☐ Other ____

☒ COMPLETE BLOOD COUNT: ELECTRONIC CELL COUNT, SMEAR EVALUATION, PLASMA PROTEIN, FIBRINOGEN

☐ ELECTRONIC CELL COUNT

WBC	4.3	X 10 3 / µl
RBC	5.61	X 10 6 / µl
HEMOGLOBIN	11.4	gm/dl
HEMATOCRIT	36.7	%
MCV	66	fl
MCH	20.3	pg
MCHC	31.1	pg/fl
PLATELETS	3.35	X 10 5 / µl

☐ RETICULOCYTES % ____ X 10 5 / µl

☐ PCV (CENTRIFUGED) %

☐ PLASMA PROTEIN 6.7 gm/dl

PLASMA COLOR:
- ☑ NO ABNORMALITIES
- ☐ HEMOLYZED
- ☐ ICTERIC
- ☐ LIPEMIC

☐ FIBRINOGEN mg/dl

☐ SMEAR EVALUATION: TOTAL WBC 4.3 X 10 3/µl

☐ CORRECTED WBC ____ X10 3/µl

DIFFERENTIAL	%	/µl
METAMYELOCYTES		
BAND NEUTROPHILS		
SEG. NEUTROPHILS	41	1763
LYMPHOCYTES	50	2150
MONOCYTES	9	387
EOSINOPHILS		
BASOPHILS		
OTHER		
NRBC/100 WBC		

PLATELETS
- ☑ ADEQUATE
- ☐ DECREASED ☐+1 ☐+2 ☐+3
- ☐ INCREASED ☐+1 ☐+2 ☐+3
- ☐ LARGE PLATELETS
- ☐ CLUMPED

ERYTHROCYTE MORPHOLOGY
- ☑ ESSENTIALLY NORMAL
- ☐ HYPOCHROMASIA ☐+1 ☐+2 ☐+3 ☐+4
- ☐ POLYCHROMASIA ☐+1 ☐+2 ☐+3 ☐+4
- ☐ LEPTOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
- ☐ POIKILOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
- ☐ ANISOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
- ☐ ROULEAUX ☐+1 ☐+2 ☐+3 ☐+4

COMMENTS: ☐ PARTIALLY CLOTTED SAMPLE ☐ PREDILUTE

REPORTED BY: ____

REPORT DATE: 3/18/99

CLINICAL HEMATOLOGY

White - Animal's Chart Yellow - Laboratory Pink - Requestor Goldenrod - Clinical Pathologist

CRPRC

PROTOCOLFORANIMALUSEANDCARE

Handwritten forms are not accepted

EH&S USE ONLY
PROTOCOL #: 8146
EXPIRES: JUN 25 200

Investigator		Contact	
Last Name:		Last Name:	
First:		First:	
Middle:		Middle:	
email:		email:	
Department:	CRPRC	Department:	CRPRC
Phone:		Phone:	
Fax:		Fax:	

Species (common names):	Number:	Source:
Cynomologous macaque	22	CRPRC
Rhesus Macaque	6	CRPRC

Project Title: Development of Recombinant Polyvalent Viral Vaccines

Overnight housing location:: CRPRC | Day use only :

Animals will be maintained by: [x] Vivarium [ ] Investigator *(If investigator maintained, attach husbandry SOP's.)*

Procedures: Provide a one or two sentence layman's description of the procedures employed on the animals in this project. This information will help the animal care staff understand any conditions they may encounter while caring for your animals.

This proprosal involves the use of cynomologous macaques and rhesus macaques as experimental hosts to improve the immunogenicity of vaccine strategies based on genetic modification of the vaccine strains of poliovirus so that they also express antigens derived from SIV. Animals will be immunized and blood, secretions, lymph node and colonic biopsies will be collected.

Special Husbandry Requirements: Describe any special requirements your animals have with respect to food, water, temperature, humidity, light cycles, caging type, bedding, or any other conditions of husbandry.

Follow established CRPRC BSL2 housing criteria and standard SAIDS protocols.

Other instructions for animal care staff: (check applicable entries)

Sick Animals	Dead Animals	Pest Control
[x] Call Investigator	[x] Call Investigator	[x] Call Investigator
[x] Clinician to treat	[ ] Save for Investigator	[x] OK to use pesticides
[ ] Terminate	[ ] Bag for disposal	[ ] No Pesticides in animal area
[ ] Necropsy	[x] Necropsy	

Hazardous Materials *(only if in the animal room)*:

Infectious Agents?	[x] Yes [ ] No	Agent(s):	poliovirus, SIV
Radioisotopes?	[ ] Yes [x] No	Agent(s):	
Chemical Carcinogens?	[ ] Yes [x] No	Agent(s):	
Toxic Chemicals?	[ ] Yes [x] No	Agent(s):	

Is the project already funded?	[x] Yes [ ] No	Previously approved?	[x] Yes [ ] No
Proposed Funding Source:	RO1 AI-36178-01	Previous protocol number (if any):	6764

What Veterinarian or veterinary clinic will provide care for your animals? (check one)

[ ]	Lab Animal Health Clinic (2-0514)	[x]	California Primate Research Center (2-0447)
[ ]	VMTH Large Animal Field Service (2-0292)	[ ]	Another Veterinarian

If you checked "Another Veterinarian", please provide:

Veterinarian:		Address:	
Day phone:			
Emergency phone:		Email:	

If your veterinarian is not affiliated with one of the three service units listed above, please contact the campus veterinarian, 2-2357 (email pctillman@ucdavis.edu) for current information about training and record keeping requirements.

Summary of Procedures:

a) Briefly describe the **overall intent** of the study. Include in your description a statement of your hypothesis, the objectives and significance of the study. Your target audience is a faculty member from a discipline unrelated to yours. Do not use jargon.

We have developed a novel method for the production of vaccines utilizing recombinant polioviruses. This method uses the well characterized Sabin vaccine strains of poliovirus (Sabin isolates for type 1, 2, and 3) as an expression vector for antigenic determinants derived from simian immunodeficiency virus (SIV). We hypothesize that the existing poliovirus vaccine may be modified to express antigens derived from SIV that may be useful in eliciting protective immunity in cynomologous macaques, as a novel vaccine strategy for preventing HIV infection. We have previously shown that recombinant polioviruses expressing SIV transmembrane and core antigens are capable of eliciting antibody responses in serum and secretions from cynomologous macaques. However, virus specific proliferative and cytotoxic T cell responses in these monkeys were weak to undetectable. We hope to boost the levels of immunity generated by the recombinant poliovires vectors by evaluating intravenous immunization. The rationale behind including IV immunization comes from preliminary results from mice which demonstrated that CTL was not induced by either the IM, IN, or IP routes, but detected only after IV immunization. The objectives of this study are three-fold. Firstly, we will evaluate different routes of immunization following an initial prime/boost strategy using IN immunization, including IV boosting and IM priming with whole-killed Salk vaccine virus. Secondly, we will reevalute the use of rhesus macaques as a host species by using an IV immunization strategy. In earlier studies rhesus monkeys immunized intranasally showed no signs of viral replication, but may have been primed to respond to a booster immunization by a different route. The advantage of adapting the immunization strategies to rhesus macaques is that the assays for cellular immunity in rhesus monkeys is more defined than the assays for cynomologous monkeys. Lastly, we will test recombinant polioviruses containing multiple overlapping 600 bp segments of the SIV genome, to generate a broader immune response, as the immunological determinants of protection from SIV are unknown. Based on the sucess of the immunization schedules, we plan to challenge the monkeys vaginally with SIVmac239. Our ultimate goal is to develop safe and efficacious vaccines for HIV.

b) Procedures employed in this project:

Please check the appropriate boxes if any of these procedures will be employed in your project:

[ ]	Monoclonal Antibody Production **	[ ]	Food or water restriction	[ ]	Special diets; food or water treatment.
[ ]	Polyclonal Antibody Production **	[ ]	Non-recovery surgical procedures	[x]	Induced illness, intoxication, or disease
[ ]	LD 50 or ID50 studies.	[]	Survival surgical procedures	[ ]	Death as an endpoint (see h below)
[x]	catheters, blood collection, intubation	[ ]	Multiple survival surgery	[ ]	Trapping, banding or marking wild animals
[ ]	Prolonged restraint. (8 hrs+)	[ ]	Behavioral modification.	[ ]	
[x]	Fasting prior to a procedure.	[ ]	Aversive conditioning.	[ ]	

** If this protocol only describes antibody production, you may use the attached antibody production page in lieu of completing section c below.

c) Describe the use of animals in your project in detail, with special reference to any of procedures checked above. Include any physical, chemical or biological agents that may be administered. List each study group, and describe all the specific procedures that will be performed on each animal in each study group. Use terminology that will be understood by individuals outside your field of expertise. *(Note: This cell will expand to whatever length you require. You may make this section as long as you wish, but try to be concise. Some projects may require one or two pages.)*

All animals used for these studies will be mature female cynomologous or rhesus macaques. The animals will be immunized and immune responses characterized. All procedures (collection of blood, secretions, lymph node, and colonic biopsies) will be perfomed with the monkey under ketamine anesthesia. All animals will be fasted for 12 hrs prior to ketamine anesthesia.

We have shown that cynomologous monkeys immunized intranasally 4 times in the course of 2 weeks with Sabin I expressing SIVgp41env and p17core, and then boosted 12 weeks later intranasally (4 times in the course of 2 weeks) with Sabin II expressing SIVgp41env and p17core generated antibody responses in sera and rectal secretions to SIV antigens. These monkeys had weak to undetectable levels of SIV-specific cell mediated immunity. Poliovirus transgenic mice immunized by a variety of routes failed to generate T cell specific immunity until they were immunized parenterally. Thus, we will attempt to generate cell mediated immunity and enhance the humoral immunity by testing various prime/boost regimins and by testing recombinant viruses expressing overlapping 600 bp segments of the SIV genome.

Group A: IV boost of cynomologous macaques immunized intranasally with Sabin I and Sabin II.

Four adult female cynomologous macaques have been immunized intranasally 4 times in the course of 2 weeks with Sabin I expressing SIV-gp41^{env} and -p17^{core}, and then boosted 12 weeks later intranasally (4 times in the course of 2 weeks) with Sabin II expressing SIV- gp41^{env} and -p17^{core}. This immunization scheme was done on AUAC protocol #6764. We plan to boost these monkeys intravenously with Sabin II expressing SIV-gp41 and -p17. One group of 2 monkeys will be boosted with 1 x 10^6 pfu of virus, while the other group of 2 monkeys will be boosted with 1x 10^7 pfu of virus. Blood (10 ml or not to exceed CRPRC guidelines) and vaginal and rectal secretions (PBS lavage) will be collected 1, 2, and 4 weeks after boost, and then every 4 weeks thereafter. Lymph node and colonic biopsies will be preformed prior to IV boost and again at 1 month, and every 3 months for 6 months to 1 year. Based on the results of immunization, it is possible that the monkeys will be challenged vaginally with SIVmac239 approxiamately 6 months to 1 year post immunization, depending on the immune status of the monkeys. Following vaginal challenge, the animals will be bled at 2 and 4 weeks post challenge and every 4 weeks from that point on for 6 to 12 months or until the animals develop clinical signs of simian AIDS, see section i, page 6.

Group B: IV immunization of rhesus macaques

Four adult female rhesus macaques will be immunized intravenously with 10^6-10^7 pfu of Sabin I expressing SIV-gp41^{env} and -p17^{core} and immunized 8 weeks later with 10^6-10^7 pfu of Sabin II expressing gp41^{env} and -p17^{core}. Blood (10 ml or not to exceed CRPRC guidelines) and vaginal and rectal secretions (PBS lavage) will be collected 1, 2, 4 and 8 weeks after the first immunization, and 1, 2, 4 and 8 weeks after the second immunization and then every 4 weeks from that point on. Cell mediated assays have been optimized in the rhesus macaque/SIV model and therefore it is adventageous to use this species over the cynomologous macaques. Lymph node and colonic biopsies will be preformed prior to IV immunization and again at 1 month, and every 3 months. One lymph node biopsy from one site (not to exceed 4 mm diameter) and one colonic biopsy from one site (not to exceed 4 mm diameter) will be obtained per sample timepoint. Based on the results of immunization, it is possible that the monkeys will be challenged vaginally with SIVmac239. Following vaginal challenge, the animals will be bled at 2 and 4 weeks post challenge and monthly from that point on for 6 to 12 months, or until animals develop clinical signs of simian AIDS, see section i, page 6.

Group C: Pre-immunization with whole killed poliovirus vaccine (Salk), boosting with intranasal immunization with Sabin I and Sabin II.

Initial studies using 10^7 pfu of the recombinant Sabin I resulted in paralytic polio in 1 out of 5 monkeys. In order to prevent the development of paralytic disease, we plan to first pre-immunize with the whole-killed Salk poliovirus vaccine delivered IM and follow with the same immuniization schedule as in Group A: immunizing monkeys firstly with Sabin I IN, waiting 8 weeks and boosting the monkeys IN with Sabin II. The rationale is to preimmunize the monkeys with the nonreplicating antigen to prevent the development of disease following

immunization with the live attenuated Sabin I and Sabin II. This strategy may require an IV boost 8 weeks after the last IN immunization if the immune responses are weak. If priming with the whole killed vaccine prevents the development of paralysis following the IN immunizations, then this immunization schedule will be adopted. One lymph node biopsy from one site (not to exceed 4 mm diameter) and one colonic biopsy from one site (not to exceed 4 mm diameter) will be obtained prior to the preimmunization, again at 1 month post each IN immunization, at one month post IV boost, and once every 3 months for the next 6 to 12 months. Based on the results of immunization, it is possible that the monkeys will be challenged vaginally with SIVmac239. Following vaginal challenge, the animals will be bled at 2 and 4 weeks post challenge and every 4 weeksfrom that point on for 6 months to 1 year, or until animals develop clinical signs of simian AIDS, see section i, page 6.

Group D: Immunization with recombinant polioviruses expressing overlapping 600 base pair segments of the SIV genome.

The epitopes of SIV and HIV that confer protective immunity are undefined. We plan to elicit a broader antiviral immune response against SIV by incorporating overlapping linear segments of the genome into the poliovirus vectors and immunizing monkeys in a similar fashion as Groups A and C, based on the outcomes of those experiments. In this group, 6 monkeys will be immunized IN with a cocktail of recombinant Sabin I polioviruses expressing multiple SIV epitopes. The monkeys will be boosted 8 weeks after the first immunization with the Sabin II strain also expressing the cocktail of epitopes. Blood (10 ml or not to exceed CRPRC guidelines) and vaginal and rectal secretions (PBS lavage) will be collected 1, 2, 4 and 8 weeks after the first immunization, and 1, 2, 4 and 8 weeks after the second immunization and then every 4 weeks for the next 6 to 12 months One lymph node biopsy from one site (not to exceed 4 mm diameter) and one colonic biopsy from one site (not to exceed 4 mm diameter) will be obtained prior to IN immunizations, again at 1 month after each IN immunization, and every 3 months for the next 6 to 12 months. Based on the results of immunization, it is possible that the monkeys will be challenged vaginally with SIVmac239. Following vaginal challenge, the animals will be bled at 2 and 4 weeks post challenge and every 4 weeks from that point on, for 6 months to 1 year, or until animals develop clinical signs of simian AIDS, see section i, page 6.

Group E: Pre-immunization with whole killed poliovirus vaccine (Salk), boosting with intranasal immunization with recombinant Sabin I and Sabin II expressing multiple overlapping SIV epitopes.

If the pre-immunization with whole killed virus decreases the incidence of complications following the IN immunizations and if the cocktail of multiple overlapping SIV epitopes elicits a broader and more vigorous antiviral immune response, then we plan to test the pre-immunization strategy again and follow with the IN immunizations using the polioviruses expressing a variety of SIV epitopes. We plan to first pre-immunize 6 monkeys with the whole-killed Salk poliovirus vaccine delivered IM and follow with the same immuniization schedule as in Group A and D: immunizing monkeys firstly with Sabin I IN, waiting 8 weeks and boosting the monkeys with Sabin II IN. Blood (10 ml or not to exceed CRPRC guidelines) and vaginal and rectal secretions (PBS lavage) will be collected 1, 2, 4 and 8 weeks after the first immunization, and 1, 2, 4 and 8 weeks after the second immunization and then every 4 weeks from that point on, for the next 6 to 12 months. One lymph node biopsy from one site (not to exceed 4 mm diameter) and one colonic biopsy from one site (not to exceed 4 mm diameter) will be obtained prior to the preimmunization, again at 1 month post each IN immunization, at one month post IV boost, and every 3 months from that point on, for 6 to 12 months. Based on the results of immunization, it is possible that the monkeys will be challenged vaginally with SIVmac239. Following vaginal challenge, the animals will be bled at 2 and 4 weeks post challenge and every 4 weeksfrom that point on for 6 months to 1 year, or until animals develop clinical signs of simian AIDS, see section i, page 6.

d) Study Groups and Numbers: Define, in the form of a table, the numbers of animals to be used in each experimental group described above. The table may be presented on a separate page as an attachment to this protocol if you prefer. The Normal format should be three columns: Study Group, Procedure, Number of animals. The number of rows should follow from the number of study groups; you may add as many rows as you require. The chart must fully account for the number of animals you intend to use under this protocol. Assign each group to an invasiveness category according to the chart below.

Group	Procedures / Drugs	Number of Animals	Category
A	IV boost of immunized cynomologous macaques with recombinant Sabin I and II polioviruses expressing SIV gp41 and p17 and challenge	4	4

	vaginally with SIVmac239		
B	IV immunization of rhesus macaques with recombinant Sabin I and II polioviruses expressing SIV gp41 and p17 and challenge vaginally with SIVmac239	6	4
C	Pre-immunization of cynomologous macaques with Salk vaccine followed by IN immunization with recombinant Sabin I and II polioviruses expressing SIV gp41 and p17 and IV boost with recombinant Sabin I and II polioviruses expressing SIV gp41 and p17 and challenge vaginally with SIVmac239	6	4
D	IN immunization of cynomologous macaques with a cocktail of recombinant Sabin I and II polioviruses expressing segments of the SIV genome followed by an IV boost with recombinant Sabin I and II polioviruses expressing SIV gp41 and p17 and challenge vaginally with SIVmac239	6	4
E	Pre-immunization of cynomologous macaques with Salk vaccine followed by IN immunization with a cocktail of recombinant Sabin I and II polioviruses expressing segments of the SIV genome and IV boost with recombinant Sabin I and II polioviruses expressing SIV gp41 and p17 and challenge vaginally with SIVmac239	6	4

Categories of Invasiveness

Category	Description
1	Little or no discomfort or stress **Examples:** domestic flocks or herds being maintained in simulated or actual commercial production management systems; the short-term and skillful restraint of animals for purposes of observation or physical examination; blood sampling; injection of material in amounts that will not cause adverse reactions by the following routes: intravenous, subcutaneous, intramuscular, intraperitoneal, or oral.
2	Minor stress or pain of short duration **Examples:** cannulation or catheterization of blood vessels or body cavities under anesthesia; minor surgical procedures under anesthesia, such as biopsies or laparoscopy; short periods of restraint beyond that required for simple observation or examination, but consistent with minimal distress
3	Moderate to severe distress **Examples:** major surgical procedures conducted under general anesthesia, with subsequent recovery; prolonged (several hours or more) periods of physical restraint; induction of behavioral stresses such as maternal deprivation
4	Severe pain near, at or above the pain tolerance threshold **Examples:** exposure to noxious stimuli or agents whose effects are unknown; exposure to drugs, chemicals, or infectious agents at levels that markedly impair physiological systems and which cause death, severe pain, or extreme distress: Surgical experiments which have a high degree of invasiveness.

Further descriptions of these categories are included in the instructions following this document.

e) **Rationale for species and numbers:** How did you determine that the species choice was appropriate and the number of animals in the groups above was the minimum number necessary to achieve sound scientific results?

Cynomologous macaques were chosen for these experiments because this species of monkeys is known to support poliovirus replication as well as being an excellent host for subsequent SIV challenge.

Rheses macaques were chosen for a pilot study because they are untested in the method of immunization which we propose.

We have settled on group sizes of 6 for all studies. Based on a Students t test, these are the smallest groups that can be used to detect a significant difference in the outcome of the immunized and control animals.

f) **Surgery:** If the project involves survival surgery, where will the surgery be conducted?

Building: _____ Room: _____

Who will be the surgeon? _____

g) **Anesthetics, Analgesics, Tranquilizers, Neuromuscular blocking agents:**

Post procedural analgesics should be given whenever there is possibility of pain or discomfort that is more than slight or momentary. If postoperative analgesics are not to be given, justify the practice under part (i) below.

Provide the following information about any of these drugs that you intend to use in this project.

Species	Drug	Dose (mg/kg)	Route	When and how often will it be given?
macaca fasiculares	Ketamine HCl	10	IM	Maximum of once/day, Maximum of 1 hr/day
macaca mullata	Ketamine HCl	10	IM	Maximum of once/day, Maximum of 1 hr/day

h) **Neuromuscular blocking agents** can conceal inadequate anesthesia and therefore require special justification. If you are using a neuromuscular blocking agent, please complete the following:

Why do you need to use a neuromuscular blocking agent?

What physiologic parameters are monitored during the procedure to assess adequacy of anesthesia?

Under what circumstances will incremental doses of anesthetics-analgesics be administered?

i) **Adverse effects:**

Describe any potential adverse effects of the experiment on the animals (such as pain, discomfort; reduced growth, fever, anemia, neurological deficits; behavioral abnormalities or other clinical symptoms of acute or chronic distress or nutritional deficiency)

All procedures will be performed under anesthesia administered by the CRPRC veterinary staff; no pain or discomfort is anticipated for the animals. We have observed 1/5 (20%) monkeys exposed to poliovirus via IN route developed neuropathology (paralysis). If paralysis develops in an animal, handling of that animal will be left to the discretion of the veternarian staff.

SIV infection of rhesus and cynomologous macaques results in a fatal immunodeficiency and wasting syndrome. The animals will be euthanized when

they experience 3 of the following: weight loss >15% in 2 weeks or >30% in 3 months; persistent hypothermia <96F even with heat supplementation; leukopenia (total WBC <3,000); lymphopenia (lymphocytes <800); anemia (hemoglobin <10); dehydration >10%; nonresponsive to therapy for opportunistic infections; persistent anorexia (> 3 days); animal significantly obtunded. These criteria are based on CRPRC guidelines. In addition, the lymph node and surgical biopsies will result in some post-procedure pain.

How will the signs listed above be ameliorated or alleviated? If signs are not to be alleviated or ameliorated by means of post-operative analgesics or other means, explain why this is necessary.

Should any evidence of pain, discomfort, or neurolgic deficit be seen in the experimental animals, analagesics and/or anesthetics should be promptly administered. The SIV-infected animals will be euthanized prior to or at the time they develop clinical signs of AIDS. The decision to euthanize will be based on the judgment of the CRPRC veterinarians.

Note: if any unanticipated adverse effects not described above do occur during the course of the study, a complete description of those effects and the steps taken to mitigate them must be submitted to the committee as an amendment to this protocol.

Is death an endpoint in your experimental procedure? [ ] Yes [x] No

(Note: "Death as an endpoint" refers to acute toxicity testing, assessment of virulence of pathogens, neutralization tests for toxins, and other studies in which animals are not euthanized, but die as a direct result of the experimental manipulation). If death is an endpoint, explain why it is not possible to euthanize the animals at an earlier point in the study. If you can euthanize the animals at an earlier point, describe the clinical signs which will dictate that an animal will be euthanized.

J) Literature search for alternatives and unnecessary duplication:

This section is specifically required by Federal law. You are required to conduct a literature search to determine that either 1) there are no alternative methodologies by which to conduct this study, or 2) there are alternative methodologies, but these are not appropriate for your particular study. "Alternative methodologies" refers to reduction, replacement, and refinement (the three R's) of animal use, not just animal replacement. You must also show that the study is not unnecessarily duplicative of other studies.

What was the date on which you conducted this search? 5/28/98

List the databases searched or other sources consulted (there should be more than one). Include the years covered by the search.

Database Name	Years Covered	Keywords / Search Strategy
PubMed: a database operated by the National Library of Medicine, with search capacity of MEDLINE and Pre-MEDLINE citations as well as links to other online journals.	This NIH/NLM opperated website has an option for searching for references with an unlimited time frame. This unlimited option was chosen for this literature search.	Poliovirus, vaccines, protection

What were your findings with respect to alternative methodologies?

The poliovirus receptor transgenic mouse and the monkey are the only available animal model systems for assessing poliovirus vaccine efficacy. The SIV/monkey is the most satisfactory animal model system for the study of vaccine efficacy. A mouse model does not exist that combines the poliovirus receptor transgene and the SCID/hu technologies that would enable this research to be done in that animal model system.

Has this study been previously conducted? [ ] Yes [x] No

If the study has been conducted previously, explain why it is scientifically necessary to replicate the experiment.

k) **Disposition of animals:** At what point in the study, if any, will the animals be euthanized?

Animals will be euthanized at the completion of the study to evaluate local immune responses, or if challenged with SUV they will be followed until SIV infection status is confirmed.

l) **Methods of euthanasia:** Even if your study does not involve killing the animals, you should show a method that you would use in the event of unanticipated injury or illness. If anesthetic overdose is the method, show the agent, dose, and route.

Species	Method	Drug	Dose (mg/kg)	route
M. fasicularis	IV overdose	pentobarbitol	60 mg/kg	IV
M. mulatta	IV overdose	pentobarbitol	60 mg/kg	IV

m) **Surplus animals:** What will you do with any animals not euthanized at the conclusion of the project?

n) Project Roster: Please provide the names of all the individuals who will work with animals on this project. This page will not be made available to the public. Give either the University Employee ID # or a valid UC Davis email address so that we can document training and occupational health compliance for regulatory agencies. Include all investigators, student employees, post-doctoral researchers, staff research associates, post-graduate researchers and laboratory assistants who will actually work with the animals. You don't need to include the staff of the vivarium in which your animals will be housed.

The principal investigator is responsible for keeping this roster current. If any staff is added or subtracted from this project, you must amend the protocol by sending the campus veterinarian a memo describing any changes.

Last Name	First Name	Middle Name	UC ID Number or SSN	Email Address

Occupational Health Program:

Supervisors must enroll their employees in the campus Occupational Health Program if the workers are at increased risk of illness or injury (such as allergy, physical injury, or infectious disease) because of their work. Enroll workers by having them complete an "Animal Contact History Form", available from Employee Health Services (phone 752-2330). For further information, visit our web site at ***http://clueless.ucdavis.edu/health/*** or read the UC Davis Policy & Procedure Manual 290-25.

Training:

Supervisors are responsible for insuring that their employees are adequate trained, both in the specifics of their job and in the requirements of the Federal Animal Welfare Act. EH&S offers free, basic wet labs in laboratory animal handling and techniques, and lecture format classes in the requirements of the Animal Welfare Act. To schedule a class for your unit, contact EH&S at 2-2364. Autotutorials are also available on the world wide web at ***http://clueless.ucdavis.edu/.***

Assurances for the Humane Care and Use of Vertebrate Animals:

Principal Investigator's Statement:

I have read and agree to abide by the *UC Davis Policy and Procedure Manual* section 290-30 (Animal Use and Care). This project will be conducted in accordance with the *ILAR Guide for the Care and Use of Laboratory Animals*, and the UC Davis Animal Welfare Assurance on file with the US Public Health Service. (These documents are available from the Campus Veterinarian and at *http://ehs.ucdavis.edu/*). I will abide by all Federal, state and local laws and regulations dealing with the use of animals in research.

I will advise the Animal Use and Care Administrative Advisory Committee in writing of any significant changes in the procedures or personnel involved in this project.

Principal Investigator | *Rank / Title* | *Date*

5/29/98

CRPRC Director | *Date*

Committee Use Only Below

Conditions necessary for Committee Approval:

Final Disposition of this protocol:

Approved

Not Approved

Withdrawn by Investigator

Date of Action: JUN 25 1998

I verify that the Institutional Animal Care and Use Committee of the University of California, Davis, acted on this protocol as shown above.

Campus Veterinarian | JUN 25 1998 *Date*

ANIMAL ROOM SAFETY INFORMATION

Complete this form if you will be using biohazards, radioisotopes, carcinogens, or toxic chemicals in the animal room.

PROTOCOL #: 8146
EXPIRES:

RUA#: _____ BUA#: _____ CCA#: _____

Identity of Hazard: Poliovirus, Sabin I and II

Investigator Last Name: _____ Department: CRPRC
First Name: _____ Phone: _____
Email: _____ Fax: _____

Provide a short description of the agent:

Sabin I and II strains of poliovirus are attenuated vaccine strains given to humans to prevent paralytic poliomylitis. SIV is a primate lentiviruses which can infect human cells and potentially humans.

This agent / material is hazardous for: [ ] Humans only [ ] Animals only [x] Humans and Animals
For which Animal Species? .....

The agent can be spread by:
[ ] Blood [x] Feces/urine
[ ] Saliva/nasal droplets [ ] Does not leave animal
[ ] Other: .....

Describe any human health risk associated with this agent:

Sabin I and II strains of poliovirus are approved for human vaccination to prevent paralytic poliomylitis. There is a very rare incidence of poliomylitis developing following vaccination. No human disease related to SIV has ever been described. However, there is a potential for these viruses to infect humans.

The precautions checked below apply to this experiment:

[ ] The researcher or his/her technicians are responsible for the feeding and care of these animals.
[ ] The following items must be assumed to be contaminated with hazardous material and must be handled only by the researcher or his/her technicians.
[x] Cage [ ] Stall [ ] Water Bottle [x] Animal Carcasses
[x] Bedding [ ] Other:

[ ] Cages must be autoclaved before cleaning.
[ ] Label cages and remove label after decontamination.
[ ] Animal carcasses must be labeled and disposed of as follows:
[ ] Incineration [x] Biohazardous Waste Container
[ ] Bag and Autoclave [ ] EH&S will pick-up (2-1493).
[ ] All contaminated waste (soiled bedding or other animal waste) must be properly labeled and disposed of as follows
[ ] Incineration [x] Biohazardous Waste Container
[ ] Bag and Autoclave [ ] EH&S will pick-up (2-1493).

Personal Protective Equipment Required:

[x] The following personal protective equipment must be worn/used in the room:
[x] Lab Coat/Coveralls [x] Shoe Covers/Booties
[x] Disposable Gloves [x] Head Cover
[ ] NIOSH Certified Dust Mask [ ] Disinfectant footbath
[x] Eye Protection/Face Shield [ ]
[ ] Fitted Respirator Type: .....
[ ] Other: Describe: .....

[x] Personal protective equipment must be removed before leaving the room.
[x] Personal protective equipment must be discarded or decontaminated at the end of the project
[x] Hands, arms, and face must be thoroughly washed upon leaving the room
[ ] Full shower, including washing of hair, must be taken upon leaving the room.
[ ] Decontaminate Room (Inform ARS area supervisor when cage and/or room can be returned to general use).

Provide any other information needed to safely work in this room:

ANIMAL ID	CURRENT LOCATIO	N	DATE	WT(KG)	DEMOGRAPHIC ACTIVITY, CLINICAL OBSERVATION, OR MEDICAL EVENT
MCY 25142	DEAD		SEP06-89		ACQUIRED TO QU7-1
			SEP12-89	2.600	
					SERUM BANK SAMPLE
					MICROBIOLOGY
					RECTAL SWAB
					MICROBIAL CULTURE, COMPLEX: SALMONELLA, SHIGELLA, YERSINIA
					NEGATIVE SHIGELLA, SALMONELLA, YERSINIA CULTURE
					PARASITOLOGY
					FECES, CAGE SAMPLE
					CONCENTRATION FOR OVA AND CYSTS
					BALANTIDIUM COLI
					IODAMOEBA BUTSCHLII
					STRONGYLE
					TRICHURIS TRICHIURA
			SEP26-89	2.700	
			OCT10-89	2.750	
			OCT24-89	2.800	
			NOV08-89	3.000	
			NOV20-89	3.000	
			DEC07-89		MOVED FROM QU7-1 TO AB1-40
				2.900	
					IMMUNIZATION: MEASLES-RUBEOLA
			DEC13-89	2.810	
			JAN03-90	2.830	
			FEB15-90	3.010	
			MAR21-90	2.810	
			APR16-90	2.830	
			MAY17-90	2.800	
			JUN28-90	2.780	
			JUL09-90		MOVED FROM AB1-40 TO AB1-38
			JUL25-90	2.940	
			AUG08-90		SERUM BANK SAMPLE
			AUG30-90	3.020	
			SEP19-90	2.950	
			OCT18-90		MOVED FROM AB1-38 TO AB1-40
			OCT25-90	3.330	
			OCT26-90		MOVED FROM AB1-40 TO AB1-39
			NOV28-90	3.520	
			JAN09-91		MOVED FROM AB1-39 TO BB4002-76
			MAR21-91		MOVED FROM BB4002-76 TO SW1604-35
			APR23-91		PREGNANCY TERMINATION: DEAD VAGINAL 901-0056
			MAY06-91	3.870	
			JUL19-91	3.440	
			SEP04-91	3.130	

ANIMAL ID	CURRENT LOCATIO	N	DATE	WT(KG)	DEMOGRAPHIC ACTIVITY, CLINICAL OBSERVATION, OR MEDICAL EVENT
MCY 25142	DEAD		NOV07-91	3.510	
			DEC17-91	3.680	
			JAN21-92	3.590	
			FEB24-92	3.340	
			MAR16-92	3.470	
			APR09-92	3.460	
			APR20-92		MICROBIOLOGY RECTAL SWAB NEGATIVE RESULT MICROBIAL CULTURE, COMPLEX: SALMONELLA, SHIGELLA, YERSINIA MICROBIAL CULTURE, COMPLEX: CAMPYLOBACTER
			APR26-92		MOVED FROM SW1604-35 TO HO1602-3 PREGNANCY TERMINATION: DEAD NON-VAGINAL-EXPERIMENTAL 912-0797 CLINICAL TREATMENT ADMINISTRATION OF DRUG OR SUBSTANCE, INTRAMUSCULAR OXYMORPHONE 2 DAYS SURGERY UTERUS INCISION EMBRYO EXCISION
			APR28-92		MOVED FROM HO1602-3 TO SW1604-35
			APR29-92		CLINICAL TREATMENT ADMINISTRATION OF DRUG OR SUBSTANCE, INTRAMUSCULAR PEPTONIZED IRON CYANOCOBALAMIN 28 DAYS
			MAY18-92	3.120	
			JUN15-92	3.210	
			JUL20-92	3.240	
			AUG17-92	3.250	
			SEP15-92	3.340	
			NOV16-92	3.420	
			JAN21-93	3.880	
			MAR18-93	4.680	
			APR22-93		PREGNANCY TERMINATION: LIVE NON-VAGINAL-EXPERIMENTAL 923-0139 CLINICAL TREATMENT ADMINISTRATION OF DRUG OR SUBSTANCE, INTRAMUSCULAR BUTORPHANOL 2 DAYS SURGERY CESAREAN SECTION, CLASSICAL
			MAY17-93	4.060	

ANIMAL ID	CURRENT LOCATIO	N	DATE	WT(KG)	DEMOGRAPHIC ACTIVITY, CLINICAL OBSERVATION, OR MEDICAL EVENT
MCY 25142	DEAD		JUN28-93		SERUM BANK SAMPLE
			JUL19-93	3.870	
			SEP16-93	3.600	
			NOV15-93	3.760	
			JAN18-94	3.440	
			MAR17-94	3.840	
			MAY23-94	3.880	
			JUL21-94	3.840	
			SEP22-94	3.800	
			NOV21-94	5.030	
			NOV28-94		MOVED FROM SW1604-35 TO HO1331-2
					PREGNANCY TERMINATION: DEAD NON-VAGINAL-EXPERIMENTAL 934-0886
					EXP. INTERVENTION
					UTERUS
					INCISION
					FETUS
					EXCISION
			DEC01-94		MOVED FROM HO1331-2 TO SW1604-35
			JAN23-95	3.900	
			MAR20-95	4.040	
			MAY17-95	3.940	
					SERUM BANK SAMPLE
			JUL19-95	4.000	
			SEP20-95	3.900	
			NOV20-95	3.720	
			JAN11-96		MOVED FROM SW1604-35 TO SW1605-89
			JAN22-96	3.320	
			MAR11-96	3.270	
					ST
					ADMINISTRATION OF DRUG OR SUBSTANCE, ORAL
					HIGH PROTEIN MONKEY CHOW
					30 DAYS
			MAR14-96	3.260	
			MAR22-96	3.190	
			MAR27-96		DISCHARGE DIAGNOSIS
					ADMINISTRATION OF DRUG OR SUBSTANCE, INTRAVENOUS
					PATIENT STATUS DETERMINATION, GREATLY IMPROVED
					DEHYDRATION
					HYPOTHERMIA
					LIVER FUNCTION, ABNORMAL
			MAY02-96	3.480	
			MAY20-96	3.330	
			MAY29-96	3.480	
			JUN28-96	3.670	

ANIMAL ID	CURRENT LOCATIO	N	DATE	WT(KG)	DEMOGRAPHIC ACTIVITY, CLINICAL OBSERVATION, OR MEDICAL EVENT
MCY 25142	DEAD		JUL18-96	3.470	
			JUL29-96	3.620	
			AUG07-96		MOVED FROM SW1605-89 TO AB5007-79
			OCT21-96	3.750	
			NOV15-96	3.820	
			DEC10-96	3.590	
					ST
					ADMINISTRATION OF DRUG OR SUBSTANCE, ORAL
					DIET
					7 DAYS
			DEC16-96		ST
					ADMINISTRATION OF DRUG OR SUBSTANCE, ORAL
					TSB - TANG SOAKED CHOW
					3 DAYS
					ADMINISTRATION OF DRUG OR SUBSTANCE, ORAL
					MJ - MARMOSET JELLY
					3 DAYS
					ADMINISTRATION OF DRUG OR SUBSTANCE, ORAL
					POTASSIUM GLUCONATE
					ELECTROLYTES, ORAL
					TANG
					5 DAYS
			DEC21-96		ST
					ADMINISTRATION OF DRUG OR SUBSTANCE, ORAL
					DIET
					5 DAYS
					ADMINISTRATION OF DRUG OR SUBSTANCE, ORAL
					TSB - TANG SOAKED CHOW
					5 DAYS
					ADMINISTRATION OF DRUG OR SUBSTANCE, ORAL
					MJ - MARMOSET JELLY
					5 DAYS
					ADMINISTRATION OF DRUG OR SUBSTANCE, ORAL
					RC - RICE CEREAL
					5 DAYS
			DEC27-96	3.600	
			JAN04-97		ST
					ADMINISTRATION OF DRUG OR SUBSTANCE, ORAL
					POTASSIUM GLUCONATE
					ELECTROLYTES, ORAL
					TANG
					8 DAYS
					ADMINISTRATION OF DRUG OR SUBSTANCE, ORAL
					TSB - TANG SOAKED CHOW
					8 DAYS
					ADMINISTRATION OF DRUG OR SUBSTANCE, ORAL
					DIET
					8 DAYS

ANIMAL ID	CURRENT LOCATIO	N	DATE	WT(KG)	DEMOGRAPHIC ACTIVITY, CLINICAL OBSERVATION, OR MEDICAL EVENT
MCY 25142	DEAD		JAN09-97	3.340	
			JAN18-97		ST ADMINISTRATION OF DRUG OR SUBSTANCE, ORAL POTASSIUM GLUCONATE ELECTROLYTES, ORAL TANG 5 DAYS ADMINISTRATION OF DRUG OR SUBSTANCE, ORAL TSB - TANG SOAKED CHOW 5 DAYS ADMINISTRATION OF DRUG OR SUBSTANCE, ORAL DIET 5 DAYS
			JAN23-97	3.540	
			JAN24-97	3.480	
					ST ADMINISTRATION OF DRUG OR SUBSTANCE, ORAL TSB - TANG SOAKED CHOW 11 DAYS ADMINISTRATION OF DRUG OR SUBSTANCE, ORAL DIET 11 DAYS
			FEB11-97	3.540	
			FEB21-97	3.480	
			MAR01-97		ST ADMINISTRATION OF DRUG OR SUBSTANCE, ORAL TSB - TANG SOAKED CHOW 5 DAYS
			MAR07-97	3.560	
			MAR11-97		DISCHARGE DIAGNOSIS PATIENT STATUS DETERMINATION, GREATLY IMPROVED BODY WEIGHT LOSS
			MAR18-97		MOVED FROM AB5007-79 TO AB[illegible]07-80
			MAR21-97	3.400	
			MAY06-97	3.850	
			MAY16-97	3.810	
			JUN20-97	4.100	
			JUN27-97	3.960	
			AUG08-97	4.000	
			SEP05-97	3.880	
			OCT03-97	4.100	
			OCT14-97	3.860	
			NOV05-97		ST ADMINISTRATION OF DRUG OR SUBSTANCE, ORAL POTASSIUM GLUCONATE ELECTROLYTES, ORAL TANG 5 DAYS

ANIMAL ID	CURRENT LOCATIO	N	DATE	WT(KG)	DEMOGRAPHIC ACTIVITY, CLINICAL OBSERVATION, OR MEDICAL EVENT
MCY 25142	DEAD		DEC09-97	3.810	
			FEB10-98	3.760	
			APR15-98	4.080	
			JUN10-98	4.330	
			AUG12-98	4.380	
			OCT14-98	4.540	
			OCT30-98		ST ADMINISTRATION OF DRUG OR SUBSTANCE, ORAL DIET 2 DAYS ADMINISTRATION OF DRUG OR SUBSTANCE, ORAL TSB - TANG SOAKED CHOW 2 DAYS
			DEC15-98	3.690	
			FEB09-99	3.580	
			MAR18-99		MOVED FROM AB5007-80 TO DEAD
				4.060	
					NECROPSY, FINAL POLIOVIRUS VACCINE NO REMARKABLE FINDINGS

*** END ANIMAL MCY 25142

QU-7-1

mcy 25142 | California Primate Research Center | 1

ANIMAL NUMBER | PAGE

DATE	WEIGHT (KG)	TB TEST	24-HR READING	48-HR READING	72-HR READING	APPETITE (G,F,P)*	WATER IN. (G,F,P)*	STOOL (N,SS,L,B)**	OBSERVATION	INIT
9/6/89									Received in QU	PD
9/12/89	2.6	m/e	-	-	-				0.2ml Ket[1], CBC[1], serum, Rectal, stool	
									Sample, Tattoo	PD
9/18/89									0.5ml Ketamine[1] PE moderate dental	
									tartar; mucoid vaginal discharge	
									CBC[2] ↓ Hgb, MCHC	
									Plan start multivit & Fe	JBW
									Re-evaluate discharge @ Screen out.	
9/18/89									Bled[3] 3ml green top tube w/# 3629	PD
9/26/89	2.7	m/L	-	-	-				0.5ml Ket[2]	PD
									Multi Vitamin (DRUG) ½ tab (DOSE AMT.) (ROUTE) (FREQ.)	
									9/20 (START) (END) (DAY) ADD. COMMENTS:	
									25142 (AN.#) QU-7 (LOC.) ONCE A DAY	
10/10/89	2.75	m/L	-	-	-				0.5ml Ket[3]	PD
		A/L	-	-	-					
10/24/89	2.8	m/L	-	-	-				0.5ml Ket[4]	PD
11/8/89	3.0	m/L	-	-	-				0.5ml Ket[5]	PD
11/20/89	3.0	m/L	-	-	-				0.5ml Ket[6]	PD
12/7/89									Released from QU	PD
12/7/89									REPRO EVALUATION - SEE FORM	AT
									Measles Vaccine Administered	
12/7/89	2.9								ICC ECBC - Okay for screen-out	
									Rad NSF	JS.

730620.01

* G = good, F = fair, P = poor

** N = normal, SS = semi-solid, L = liquid, B = bloody

D4681 (2/77)

MC425142 | California Primate Research Center | 2

ANIMAL NUMBER | PAGE

DATE	WEIGHT (KG)	TB TEST	24-HR READING	48-HR READING	72-HR READING	APPETITE (G,F,P)*	WATER IN. (G,F,P)*	STOOL (N,SS,L,B)**	OBSERVATION	INIT
12.7.89									Moved to AB1-40 M/# 3529	VS
12.13.89	2.81									TC
1-3-90	2.83	M/L	-	-	-					TD
1-17-90	3.01									TC
3-21-90	2.81									VS
4/16/90	2.83									RB
5/14/90	2.80	M/L	-	-	-				0.5 cc Ket [7]	RB
6/28/90	2.78									RB
7.9.90									moved to tx.o housing for ENE 02	JL
7/25/90	2.94									SS
8-8-90									SERUM BANK 9	JC
8-30-90	3.00									TB
9/10/90									Bled [5] 2cc w.o # 6667 CRBOI	MB
9/19/90	2.95	M/L	-	-	-				1.0 ml ket [8]	RB
10-10-90									Moved to AB1-40 M/# 4050	MB
10.17.90									bled [6] 2.0 ml W/# 6025 CRBOI	BA
10/25/90	3.33									RB
10/25/90					66			N	SO/Bat - reported to have	
									Mucus stool - no mucus	
									seen AP/monitor	JS
11/26/90									Bled 2cc w/o 7206 CRBOI	MJ
11/28/90	3.52									TB
1/9/91									moved to 4002	BG
2/4/91									moved to SO1604-35	BG

730620.01

* G = good, F = fair, P = poor

** N = normal, SS = semi-solid, L = liquid, B = bloody

D4681 (2/77)

MCY 25142 | California Primate Research Center | 3

Animal Number | Page

Date	Weight (kg)	TB test	24-hr reading	48-hr reading	72-hr reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)**	Observation	Init
4-17-91						F	G	N	SO/BAR, but abdomen distended.	
									Reported late pregnancy (162 days).	
									API Possible bloat. Will have Sr.	
									Staff evaluate.	Dnc
4/19/91						G	G	N	SO/BAR - reported for late pregnancy 164 D. A/Animal has normal stools and doesn't appear uncomfortable therefore bloat unlikely. Maximum gestation 170 D in cynos P/Expect parturition by early next week, if baby not born by Wed. consider C-Section.	
										B
4/22/91						G	G	N	SO/BAR · preg 167 D. A/stools normal, animal appears happy, healthy P/will U/trasound at day 169 if parturition hasn't occurred by then.	
										D
4-23-91									SO: Informed by tech - mother having dystocia. Infants head & shoulders still inside. Gave 4 cc bolus to inhibit. While going down, presented infant but no placenta	

730620.01

* G = good, F = fair, P = poor

** N = normal, SS = semi-solid, L = liquid, B = Bloody

D4681 (2/90)

25142	California Primate Research Center	4
Animal Number		Page

Date	Weight (kg)	TB Test	24-HR Reading	48-HR Reading	72-HR Reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)*	Observation	Init
4-23-91									extracted placenta - D-fast	
									decl. IM Oxytocin	AK
5/6/91	3.87	m/c	-	-	-				0.5ml Ket 9	PD
6/21/91						G	G	N	SC/BAR Repld mucoid. Not seen. Monitor	DAG
7/19/91	3.44									RB
9/4/91	3.13	m/c	-	-	-				150cc Ket 10	RB
10-14-91									4 B/Ed 2cc RIA	LA
11/7/91	3.51									TD
11/20/91									9 Bled 2cc W/O 2689 CRB01	SW
12/7/91	3.68									LT
1/21/92	3.59									RS
2-24-92	3.34									TL
3/16/92	3.47									DS
4/9/92									HANDHELD FOR PREV CD16 +	AM
4/10/92									DRB50: 8.7ml (1mg/ml) NGT	PA
4/11/92									DRB50: 8.7ml (1mg/ml) NGT	PA
4/12/92									DRB50: 8.7ml (1mg/ml) NGT	DZ
4/13/92									DRB50: 8.7ml (1mg/ml) NGT	DZ
4/13/92									HANDHELD FOR REV GD 30 +	AM
4/14/92									DRB50: 8.7ml (1mg/ml) NGT	DZ
4/15/92									DRB50: 8.7ml (1mg/ml) NGT	DZ
(1) 4.9.92									10 Bled 1cc WO 4089 NIEDZ	GP
4-15-92						G	G	SS	30 Br spld Nurses Lab	
									No nurses seen	AM
4/16/92									DRB50: 8.7ml (1mg/ml) NGT	PA

730620.01

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B = Bloody

D4681 (2/90)

(1) late entry GP 4-15-92

MCY 25142 | California Primate Research Center | Page 5

Animal Number

Date	WEIGHT (KG)	TB TEST	24-HR READING	48-HR READING	72-HR READING	APPETITE (G,F,P)*	HYDRATION (G,F,P)*	STOOL (N,SS,L,B)**	Observation	Init
4-16-92						G	G	N/SS	SOB Anesthetized Number - Nine 200	AK
4/17/92									DRB50: 8.7ml (1mg/ml) NGT	JL
4/18/92									HAND-HELD FOR NEUROLOGY (+)	AS
4/19/92									DRB50: 8.7ml (1mg/ml) NGT	JL
4/19/92									DRB50: 8.7ml (1mg/ml) NGT	JL
4/19/92									[11] Bled 8cc w/o 4008 DRB50	JL
4/20/92									[12] Bled 8cc w/o 4008 DRB50	JL
4/20/92									DRB50: 8.7ml (1mg/ml) NGT	JL
4-20-92									[13] Bled 8cc w/o 4008 DRB-50	RW
						G	G	N	SOB Anesthetized Number - confirmed	
									int stable placental biopsy 60-27	KRS
4/21/92									DRB50: 8.7ml (1mg/ml) NGT b.i.d. ⊗ ⊗	PA
4/21/92									[14] Bled 2cc w/o 4008 DRB-50	LS
4-21-92						G	F/G	N	SOB Anesthetized Number	
									Recovered.	AK
4/22/92									DRB50: 8.7ml (1mg/ml) NGT BID ⊗ ⊗	JL
4/22/92									HAND-HELD FOR NEUROLOGY (+)	AS
4/23/92									DRB50: 8.7ml (1mg/ml) NGT BID ⊗ ⊗	PA
4/24/92									DRB50: 8.7ml (1mg/ml) NGT BID ⊗ ⊗	JL
4-24-92									[15] Bled 3ml w/o 4008 DRB-50	RW
4-24-92						F	F/G	N/SS	SOB Anesthetized Number/Label	AK
4/25/92									DRB50: 8.7ml (1mg/ml) NGT BID ⊗ ⊗	JL
4-25-92									[16] Bled 12cc w/o 4008 DRB-50	RW
4/26/92									0.5ml KET IM; PRE-HYSTERECTOMY EXAM (+)	AS
4-26-92	3.09		c						11	TRB

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B = Bloody

730620.01

D4681 (2/90)

MQ 25142 | California Primate Research Center | 6

Animal Number | Page

Date	Weight (kg)	TB test	24-hr reading	48-hr reading	72-hr reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)*	Observation	Init
4/26/92									Emigytery Removed this AM Animal Moved from 1604-35 to H6/1602-3 SX Allergy see report —	Jm
									Oxymorphone / DRUG / 4/6 DOSE / .3 AMT. / IM ROUTE / TID FREQ. START 4/26 / END 4/27 2 / DAY / ADD. COMMENTS: AN.# 25142 / LOC 1602-3	
4-27-92					24 hr	G	A	SS	SOBA	RM
4-27-92									[2] Bled 3 ml from 4-26-92 thru	
									4-27-92 wo.4008 DRB-50	RW
									D: Unremarkable recovery	
									D/C home cage. Last	
									available CBC 4/9/92 is	
									unremarkable	GJ
4/28/92					48 hr	G	N	SS	SOBA	
									O: D/C to home cage	m
4-28-92									moved 1602 → 1604	LB
4-29-92					F/6	G	N	SS	SOBA rptd Numerous	
									small ant seen - PP bleeding (5X)	AK
(1) 4-29-92									Bled acc wo 4008X DRB 50	GP
4-29-92									Rogenic / DRUG / .4 DOSE / IM ROUTE / Q7D FREQ. START 4/29 / END 5/26 / DAY 28 / ADD. COMMENTS: AN.# 25142 / LOC 1604-35	
										WS

730620.01

* G = good, F = fair, P = poor

** N = normal, SS = semi-solid, L = liquid, B = Bloody

D4681 (2/90)

(1) Intact at 48 hrs & 72 hrs

25142

California Primate Research Center

Page 7

Animal Number

Date	Weight (KG)	TB Test	24-HR Reading	48-HR Reading	72-HR Reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)*	Observation	Init
5/18/92	3.12	1/2	-	-	-				.5 cc Ket 12	RD
5/26/92									19 Bled 1.0 ml - R.V.E-CBC	ES
5/28/92									20 Bled 3 ml w/o 4600	RD
6/15/92	3.21									RD
7/20/92	3.24									RD
8/17/92	3.25									SAG
9/15/92	3.34	1/2	-	-	-				.5 cc. Ket 13	RD
9/24/92									21 Bled 20ml w/o 5880	RD
10/27/92						G	F	N	SD BAR open skin area on left side of head	
									Status of wound unchanged	
									Several months	
11/10/92	3.42									RD
12/11/92									22 Bled 2ml R.F.H	RD
12-11-92						G	G	N	SD Bar upper Vulva - Confused	NL
12/14/92									ASSIGNED TO NSPP	RD
12/14/92						G	G	N	SD: BAR normal menses GD 22	JCV
12/17/92						G	G	N	SD: QAR/BAR normal menses GD 25	JCV
12-18-92						G	G	N	SD Bar Nmenses GD-26	AL
1-21-93	3.88									TO
1-29-93						G	G	C	SD: BAR. Reported normal GD 68.	
									No blood on vulva, mm pink.	

* G = good, F = fair, P = poor

** N = normal, SS = semi-solid, L = liquid, B = Bloody

730620.01

D4681 (2/90)

25142 | California Primate Research Center | 8

Animal Number | Page

Date	Weight (kg)	TB Test	24-HR Reading	48-HR Reading	72-HR Reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)**	Observation	Init
									A: Late gestational bleeding (possibly - not obs.).	
									P: contact PI	KAM
2-4-93						G	G	N	~~DBR, symbol conjunctival dehydrated. Bolation appears normal. Abd. Rm. Vag culture~~	
3/18/93	4.68									TC
3/23/93								G*	0.5ml KETIM: FETAL SAMPLING - TUS ϕ4	AT
4/12/93								G*	0.5ml KETIM; FETAL SAMPLING - TUS ϕ4	AT
4/28/93								G*	0.5ml KETIM; PRE-CIS EXAM	AT
4/22/93									C-section Required this A.M.	
									Animal moved returned to home Cage 1604-35 for Adopt Mating	
									See Inputs →	Glu
5.17.93	4.06	m/L	-	-	-				.5 cc Ket IM	TC
6/28/93									Skin Biopsy CRBD 1	TC
7/19/93	3.87									TC
7/28/93									Fec Ref → Theps w/o 1535 PCP ϕ	MG
7-28-93									Preproject PE - unremarkable - see form	TB
7-29-93						G	F	N	BAR - Report of vomit confirmed	
									AP: Vomiting probably due to post ketamine effects but monitor for persistence	BC
8/13/93									~~Ketamine IM~~ Reproductive Evaluation	AT
8-16-93									BLED RIA 2cc	CA

Drug	Dose	Amt.	Route	Freq.	Start	End	Day
Butorphanol	0.23	0.07	IM	PRN	4-22	4-23	2

ADD. COMMENTS:

An. # 25142 Loc. 1604-35

730620.01

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B = Bloody

D4681 (2/90)

25142 | California Primate Research Center | 9

Animal Number | Page

Date	Weight (kg)	TB Test	24-HR Reading	48-HR Reading	72-HR Reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)*	Observation	Init
9/16/93	3.60	M/L	-	-	-				15cc Ket 17	
① 4/14/93									25 Bled 6ml (2 red 4 green) w/o 8007	
11/15/93	3.76									
12/14/93									1cc Ket 18, Bled 3cc #3117 ZPA02	
12/14/93									ZPA02: 1.0 ml SubQ injection (control) w/o# 3117	
1/5/94									26 Bled 3ml 3298 ZPA02	
1/12/94					6	6	N		SBAR O: superficial abrasion D2 ® hand finger tip no treatment	
									need just monitor for infection	
1/13/94									SO:BAR NOT ON REPORT. D2 ON ® HAND IS GRANULATING IN WELL	
1/16/94					G	G	N		SO:BAR D2 on ® HAND LOOKS HEALTHY	
1/18/94	3.44	M/L	-	-	-				0.5cc Ket 19	
1/19/94									ZPA02: 1.0 ml SubQ injection (control) w/o# 3406	
2/2/94									Bled 3cc 3633 ZPA02	
2/28/94					G	F	N		SO:BAR Re weak ®: notconfirm Pt Monitor	
3/2/94									ZPA02: 1.0 ml SubQ injection (control) w/o# 3534	
3-16-94									27 BLED 3cc w/o 4156 ZPA-02	
3/17/94	3.84									
4/6/94									28 BLED 3cc w/o 4434 ZPA02	
4/6/94									ZPA02: 1.0 ml SubQ injection control w/o# 4434	
4/20/94									29 Bled 3cc ZPA02	
5-23-94	3.86	M/L	-	-	-				1.0cc 20 ket Dental	
6/1/94									ZPA02: 1.0 ml SubQ injection control w/o# 5210	
6-20-94									31 Bled 3cc ZPA02 5428	

730620.01

* G = good, F = fair, P = poor

** N = normal, SS = semi-solid, L = liquid, B = Bloody

D4681 (2/90)

Delete entry PL 9/22/93 PL

MCY

25142 — California Primate Research Center — TO

Animal Number — Page

Date	Weight (kg)	TB Test	24-HR Reading	48-HR Reading	72-HR Reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)*	Observation	Init
7-21-94	3.84									TO
8/1/94									2ml SQ injection control 4/10th doses	DL
8-5-94									3' Bled RIA 2ml	TO
8-15-94									52' Bled 3ml W/O (S45 PRIA)	TO
9-12-94									85' Bled 2ml W/O RIA	TO
9-30-94	3.[illegible]	14	-	-	-				IC Shot Dorsal	TO
9/28/94									UTERINE ✓ (+) pdA = 67	AT
10/21/94									REV 6096 (+)	AT
11/4/94									REV FENS (+)	AT
11/18/94									✓ FENS GWD 124 (+)	AT
11/19/94						G	G	L	SO: BAR up MMM mem!. no blood seen.	
								L	→ liq stool could be very thick vomit. day 125 pregnancy	
									P: notify vet	KJ
11/21/94	5.03									
11-18-94		2 late entry							1 cc Ket w/o 7149 21	
11/28/94									PRE-HYSTERECTOMY EXAM GWD 134	AT
11/28/94									Intentional pregnant this AM Animal moved from 1604-35 to HO1331-2 for temp recovery see notes	
11.29.94						G	G	N	SO: BAR; blood, vomit under cage - stool intact.	
11/29/94									P: ✓ for saline, vomit, blood FAT BID	

Bupivacaine 0.1% 0.4 IM BID
DRUG DOSE AMT. ROUTE FREQ.

11-28 START | 11-29 END | ✓ DAY

ADD.COMMENTS:

AN.# 1541 ✓ | LOC. 1331-2

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B = Bloody

730620.01

D4681 (2/90)

25142	California Primate Research Center	11
Animal Number		Page

Date	Weight (kg)	TB Test	24-HR Reading	48-HR Reading	72-HR Reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)**	Observation	Init
11-30-94						G	G	A	SO: BAR Sutures intact.	
									Some swelling to (R) of	
									suture line. No signs vomit	
									PM BID	KH
11/2/94									SO: BAR Sutures intact	
									Some fibrous build-up, discoloration	
									D/C to D/C	L
12-1-94						G	G	N	SO: BAR D/C to home cage	KH
12/1/94									moved → 1604	
11/18/95									Ketamine IM 23 -adhesions	
									~~Reproductive Evaluation~~	
1/23/95	3.90								IML KET DETAIL	
				BLED					10ML W/O# 6174	
3/20/95	4.04									JV
3 11/28/94 (1)									1cc ket → IW w/o 7524 TUS 07	JV
3/17/95									PCP03: 1.0ml IM injection	
									[illegible]	
5/2/95									Bled 3mL W/O# 1926 PCP03	
4/20/95 (2)									PCP03 1.0 ml IM injection w/o# 178	
5/17/95	3.94	M/R	-	-	-				1cc ket Dental Bled 3mls Serum bank	JV
6/15/95						G	G	N	SO: BAR Re Bldy mucous stk	
6-15-95									Bled 3mls w/o 2342 PCP03	
6/26/95						G	G	N	SO: BAR trauma to DX (R) hand	KL
									gave 0.4 cc ketamine	

* G = good, F = fair, P = poor

** N = normal, SS = semi-solid, L = liquid, B = Bloody

730620.01

D4681 (2/90)

(1) Should be read 11/28/94. JV (2) Cath broke (KH) 5/12/95

25142	California Primate Research Center	12
Animal Number		Page

Date	Weight (kg)	TB Test	24-HR Reading	48-HR Reading	72-HR Reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)*	Observation	Init
6/26/95	(rout.)								wounds are superficial on D3 and D4 of ⓛ hand. Cleaned with DNS and applied antibiotic ointment.	
									A: trauma to fingers superficial and probably occurred during cage pull.	
									P: no further tx necessary.	KL
7/19/95	4.00									JV
6/2/95									37 Bled 3mL 2992 PCP03	KS
8/30/95						G	G	N*	SO: BAR - reported for vaccination	
									no evidence of vaccination	RDW
9/20/95	3.90	M	—	—	—					A
9/25/95									PCP03 IM injection	JT
10/9/95									38 Bled 3mL W/O# 3965 PCP03	BG
① 4/25/95									.5mL W/O 3719 PCP03	BG
10/16/95									22 Jacket → 1250 3964 PCP03	MC
10/23/95									16 Jacket 4115 PCP03	BG
11/20/95	3.77									BG
12/17/95						G	G	N	SO: BAR; Rep. trauma finger -	
									Noted ⓛ hand superficial	
									abrasion on dorsal aspect of	
									D4 @ P2 + P3.	
									A: No need for tx	
									P: monitor	DS
1/11/96									moved → 1005	JW
11/22/96	3.32	MR AL							Jacket dental, 29	BK

730620.01

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B = Bloody

@ Date entry 10/11/95 BG

25142	California Primate Research Center	13
Animal Number		Page

Date	WEIGHT (KG)	TB TEST	24-HR READING	48-HR READING	72-HR READING	APPETITE (G,F,P)*	HYDRATION (G,F,P)*	STOOL (N,SS,L,B)**	Observation	Init
1/26/96									Ticket → 1290 30 5293 CLS	MR
1/26/96									US preg ✓ ⊖	BD
1/27/96						G	G	C	SO: BAR, Re parapsyt + vomit - [illegible]	
									Confirmed [illegible]	
1/29/96									KET, To V/S 31	WM
1/29/96									IS preg ✓ ⊖	AT
1/30/96						G	G	N	SO: BAR Re vomit, Thin	
									A: Confirmed vomit	
									weight loss	
									P: consider P.E. and	
									workup	DF
1/31/96									39 Bled for LIA	JH
2/9/96						G	G	N	SO: ~~vomiting~~ Re-Thin	
									A: ≥20% wt loss 7/19/95	
									P: Shed P.E. and workup	
									with PT permission	DF
2/11/96						F	G	C	SO: BAR; Rep. diet/D-not noted	AES
2/21/96									40 BLD 1.5 mls 5462	WM
2/23/96									US EXAM - TCDX1 ⊖	AT
2/24/96									US EXAM - TCDX1 ⊖	AT
2/22/96									41 Bled 1.5 mls 5462 TCDX2	
2/23/96									42 Bled 1.5 mls 5462 TCDX2	
2/24/96									43 Bled 1.5 mls 5462 TCDX2	
2/25/96									44 Bled 1.5 m/s 5462 TCDX2	MG
2/26/96									US EXAM - TCDX1 ⊖	AT

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B = Bloody

730620.01

D4681 (2/90)

M4Y25142	California Primate Research Center	14
Animal Number		Page

Date	Weight (kg)	TB Test	24-HR Reading	48-HR Reading	72-HR Reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)*	Observation	Init
2/26/96								45	Bled 1.5ml 5462 T.002	
2/27/96								46	Bled 1.5ml 5462 T.002	
2/28/96								47	Bled 1.5ml 5462 T.002	
2/29/96						G	G	A	S/O: BAR. Dry feces noted. Re: thin animal thin Progressive wt loss since 7/95. P: ✓ wt. PE + work-up of wt. loss continuing	
3/1/96								49	Bled 1.5ml RIA	
3/1/96						G	G	cc	S/O: BAR. Re: thin Confirmed. P: wt ✓ on 3/5. Re-evaluate at that time	
3-5-96	3.45								CBC/ w/o diff	
3/7/96						P	G	N	S/O: BAR - reported thin + Dehydrated. animal has lots of skin folds on abdomen + around face - But skin turgor is good. Gradual wt loss over past 6 months. P: Re ✓ wt assess consider PE.	
3-11-96	3.27kg					G	G	N	Ketamine 36mg for evaluation. 32 S/O: Temp 97.8. Cont'd next page.	

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B = Bloody

730620.01

D4681 (2/90)

MCY 25142 — California Primate Research Center — Page 15

Animal Number

Date	Weight (kg)	TB test	24-HR reading	48-HR reading	72-HR reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)*	Observation	Init
3-11-96	cont'd									LH

DATE 3-11-96 | WEIGHT kg 3.27 kg

PHYSICAL EXAM

Temperature 97.8 °F
HR 180 RR 30
Pulses OK
Gen.Body Condition thin
1. Integument OK
2. Oral Cavity OK
3. Eyes OK 4. Ears OK
5. Musculoskeletal thin
6. Thorax Auscultation OK
7. Abdominal Palpation OK
8. Spleen OK 9. Liver OK
10. Lymph Nodes OK
11. Urogenital OK
12. Rectal Palpation NE

s/o cont'd: No abnormalities on PE except thin.

A: Open etiology for chronic wt loss, but animal has been finishing its ration of biscuits so may be ↓ caloric intake only.

P: CBC → 4/9
PP3 } submitted today
Fecal parasit (cage sample) submitted today.
Offer ↑ # biscuits for now. LH
Consider thoracic + abdo rads in future pending today's labs results.

Ithocho — — PO SID
DRUG | DOSE | AMT. | ROUTE | FREQ.
3/1-96 | 4-9 | 30 | DAY
START | END
25142 | 1605-89
AN.# | LOC
ADD.COMMENTS:

3-12-96 F P G N 50% BAR - Many uneaten Biscuits in cage. Signs of Vomit under

730620.01

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B = Bloody

D4681 (2/90)

25142	California Primate Research Center	16
Animal Number		Page

Date	Weight (kg)	TB test	24-hr reading	48-hr reading	72-hr reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)*	Observation	Init
									cage. Gave Hi Pro Chow (10 biscuits)	KH
3/14/96									S/O: Results from 3/11 AP3: GGT 127, ALT 123, ALP 320, TP 6.6, albumin 3.6, total bili 0.2. A: Increased GGT - need to investigate for liver dzz. P: Schedule bile acid testing (pre & 2 hrs post OGT Sustacal feeding) & serologic hepatitis screen, +/- abdo u/s +/- liver bx. KH	
5/20/96					6	6	N		SO: BAR A-thin. A: possible hepatic dz P: Fasted Bile acids, and hemogram	KH
3/22/96	3.19								SO: BAR - thin. Given 0.32 cc Ketamine (33) IM for bleed collection (50) & OGT Sustacal. Collected 2cc. blood for pre-prandial sample (animal had been fasted since yesterday PM (>12 hrs)) - 9:20A. Gave 6cc Sustacal, OGT. 2 hrs later - Given 0.32 cc Ketamine (72) IM. Collected 2 cc. blood for post-prandial blood sample. A: Possible liver dz - having bile acid	

730620.01

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B = Bloody

D4681 (2/90)

25142	California Primate Research Center	17

Animal Number — Page

Date	Weight (kg)	TB test	24-HR reading	48-HR reading	72-HR reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)**	Observation	Init
3/22/96	(cont)								tests done	
									P: await results of bleeding tests	
									*①	ES
2:30									O: animal weak; 2° to anesthesia	
									A: gave ORT + Supplement at head	
									P: Monitor closely	DF
3/23/96						G	G	N	SO: BAR no SQF noted	GD
3/24/96						G	G	N	SO: BAR	GD
3/25/96						G	G	N	SO: BAR	GD
3/26/96						G	G	N	SO: BAR Redeluded	
									A: Hydration OK, Blood under cage	
									P: Monitor Lab results	DF
3/27/96						F/P	G	N	SO: BAR Noted signs of	
									Blood under cage	KA
									O: Bleeds 3/22/96 within	
									Normal range	DF
									A: Blood likely normal menses	
									P: Monitor O/C O/P	DF
4/4/96						G	G	N	SO: BAR Re Thin	
									A confirmed, on hi protein	
									chow	
									P: consider increase in chow	
4/1/96						G	G	N	SO: BAR Re thin	
									A/P as 4/4/96	DF

730620.01

① error 3/22/96 ES

* G = good, F = fair, P = poor

** N = normal, SS = semi-solid, L = liquid, B = Bloody

D4681 (2/90)

mcy 25142	California Primate Research Center	18
Animal Number		Page

Date	Weight (kg)	TB test	24-hr reading	48-hr reading	72-hr reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)**	Observation	Init
4-20-96									1 Bled 1.5ml TCDØ1 w/o STP	C
4-21-96									2 Bled 1.5 ml TCDØ1 STP	C
4/22/96									USEXAM - TCDØ1 ⊖	AT
4/22/96									3 Bled 1.5 ml w/o STP TCDØ1	WM
4/23/96						G	G	CC	SOIBAR Re Bldy STH Mucss TL	
									A: cure confirmed	DF
4/23/96									USEXAM - TCDØ1 ⊖	AT
4/23/96									4 Bled 1.5 ml TCDØ1	MC
4/24/96									USEXAM - TCDØ1 ⊖	AT
4/24/96									5 Bled 1.5ml TCDØ1	
4/25/96									USEXAM - TCDØ1 ⊖	BT
4-25-96									6 Bled 1.5 ml STCDØ1 & ICIA	C
4/25/96						G	G	N	SOIBAR Re Thin	
									Re Thin confirmed likely	
									2° to continuous daily U/S	
									examination	DF
4/26/96									USEXAM - TCDØ1 ⊖	AT
4-26-96									7 Bled 1.5 mls TCDØ1	MC
5/2/96	3.48									PK
5/7/96						G	F	N	SOIBAR - yst ca leg Thin, Gastr & Ileo	
									Thin but very GOOD Consult by Ileo	
									notations on review for possible	
									Physical EXAM	
5/17/96									8 Bled 1.5ml TCDØ2	WM
5/18/96									9 Bled 1.5 ml TCDØ2	WM

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B = Bloody

730620.01

D4681 (2/90)

May 25142	California Primate Research Center	19
Animal Number		Page

Date	Weight (kg)	TB Test	24-HR Reading	48-HR Reading	72-HR Reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)*	Observation	Init
5/19/96									US EXAM - TCD #1 ⊖	AT
5/19/96								60	BLED 1.5 ml TCD #2	WMH
5/20/96									USEXAM - TCD #1 ⊖	AT
5/20/96								61	Bled [illegible] TCD #2	[illegible]
5/20/96	3.33	rm R2	—	—	-				ice ked dental	FK
5/21/96									USEXAM TCD #1 ⊖	AT
5/21/96								62	Bled 1½ mls 6568 TCD #2	MG
5/22/96									USEXAM - TCD #1 ⊖	AT
5/22/96									Fluid [illegible] 6568 TCD #2	[illegible]
5/23/96									USEXAM - TCD #1 ⊖	AT
5/23/96								63	Bled 1.5 mls. 6568 TCD #2	MG
5/24/96								64	Bled 1.5 mls. 6568 TCD #2	MG
5/25/96									USEXAM - TCD #1 ⊖	AT
5-25-96								65	Bled 1.5 m/s 6568 TCD #2	(illegible)
5-26-96								66	Bled 1.5 m/s 6568 TCD #2	(illegible)
5/27/96									USEXAM TCD #1 ⊖	AT
5/29/96	3.48									FK
5/31/96						G	G	C	SO: BAR, kept mucus stool,	
									cage clean so not contacted	
									primates	LB
6/4/96						G	G	N	(AP) BAR eyes at this recent wt gain	
									& stable over this year.	
									(AP) Monitor Q5°	
6/6/91						F	F	N	SO: Dan Cyg + hydration this am	
									Schedule PE + appt on 4 for other	
									weekend	

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B = Bloody

D4681 (2/90)

730620.01

2542	California Primate Research Center	2
Animal Number		Page

Date	WEIGHT (KG)	TB TEST	24-HR READING	48-HR READING	72-HR READING	APPETITE (G,F,P)*	HYDRATION (G,F,P)*	STOOL (N,SS,L,B)*	Observation	Init
5/28/96								68	(LATE ENTRY) BLED 2cc R1A	WM
6.12.8/96	3.47									PK
6/30/96						3/3	G	N	SO BAR rept depression - animal	
									looks active + normal to me	K
7/14/96								67	BLED 1.5ml TCD82	WM
7/15.96								69	Bled 1.5ml TCD87	C
7/16/96									USEXAM TCDX1 (-)	A
7/16/96								70	BLED 1.5ML TCD82	WM
7/17/96									USExam TCDX1 (-)	A
7/17/96									0.4cc KET, TO V/S, BLED 1.5mls TCD82	WM
7/18/96									USEXAM TCDX1 (-)	A
7-19-96								71	Bled 1.5ml TCD W/O 6687	C
7/19/96									USEXAM TCDX1 (-)	A
7/19/96								72	Bled 1.5ml TCD82	JL
7-20-96								73	Bled 1.5ml TCD	C
7-21-96								74	Bled 1.5ml TCD	C
7/21/96									USExam TCDX1 (-)	A
7/22/96									USEXAM TCDX1 (-)	A
7/22/96								75	BLED 1.5mls TCD82	WM
7-23-96								76	Bled 1.5ml TCD	C
7/24/96									USEXAM TCDX1 (-)	A
7/29/96	3.62									PK
7/18/96	3.47									
7/31/96								77	Bled 3ml/s TTZ PWD/	JL

730620.01

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B = Bloody

D4681 (2/90)

① Late Entry 7-30-96 CF

25142 | California Primate Research Center | 21

Animal Number | Page

Date	Weight (kg)	TB test	24-hr reading	48-hr reading	72-hr reading	Appetite (G,F,P)	Hydration (G,F,P)	Stool (N,SS,L,B)	Observation	Init
8/7/96									.4cc Ket Bled 5mls 7832 PVV24	
									moved to 5007-79 MV 7243	
8/8/96						E	G	W	SO. BAR, Rept. Vomit. Confirmed	
									P: monitor	GS
8/30/96						G	G	N	SO BAR reptd thin. Animal thin WNL.	
									P: Await next Wt ✓	CY
10/21/96	3.75									
11-15-96	3.82									

CY MMU 25142 Date: 11-15-96
Procedures: Bled 10cc RT, VL, RL, IN/Intra rectal inoc w/ human polio vaccine; (0.25cc Inare, 0.5cc IR)
Ketamine 0.5ml
Axillary LN: R <4 L <4 mm
Inguinal LN: R <4 L <4 mm
Spleen: normal ✓ enlarged (1-5) ___
Wt. 3.82

11-18-96									Intranasal / Intrarectal inoc w/ 1cc human polio vaccine (0.25ml/nare, 0.5ml/rectal); 0.6cc Ket	
11/22/96									MCY MMU 25142 Date: 11-22-96 Procedures: 10mlRT, VL, RL, Boost Boost Nasal, / Rectal w/ Polio Ketamine: 0.5ml vaccine	
25-96									CY MMU 25142 Date: 11/25/96 Procedures: IN/rectal inoc w/ 1cc human polio vaccine (0.5cc IN) 0.5cc rectal Ketamine: 0.5 ml	

good, F = fair, P = poor
normal, SS = semi-solid, L = liquid, B = Bloody

D4681 (2/90)

25142 | California Primate Research Center | 22

Animal Number | Page

Date	Weight (kg)	TB test	24-hr reading	48-hr reading	72-hr reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)**	Observation	Init
12.2.96									MMU: 25142 Date: 12-2-96	
									Procedures: 10 ml RT, VL, RL	
									Ketamine: 0.5 ml IM	RR
12/6/96						G	G	N	SO: BAR, reptd for poor appetite, heavy masses FRT is unwatched	
									P: monitor for persistent heavy masses	RL
12.10.96	3.53									
						F	G	N	SO: BAR, reptd for poor appetite - receiving increased rations	
									A: 0.2 kg wt loss since 11/15 but wt is relatively stable	
									P: continue increased chow	
									Offer FRT x 7 days	RL
12/12/96						F	G	S	SO: BAR, reptd for poor appetite	
									A: Wt loss persists	
									P: Rev 29 CBC, PP3, UA	
									Continue FRT	RL
12/13/96									MMU: 25142 Date: 12/13/96	
									Procedures: Bled 10cc RT. VL. RL	
									IV Ketamine: 0.5 ml	

FRT (DRUG) | DOSE | AMT | PO SID (ROUTE FREQ)

12/10 (START) 12/16 (END) 7 (DAY)

ADD COMMENTS:

25142 (AN#) 5D07 (LOC) 79

730620.01

* G = good, F = fair, P = poor

** N = normal, SS = semi-solid, L = liquid, B = Bloody

D4681 (2/90)

25142	California Primate Research Center	23
Animal Number		Page

Date	WEIGHT (KG)	TB TEST	24-HR READING	48-HR READING	72-HR READING	APPETITE (G,F,P)*	HYDRATION (G,F,P)*	STOOL (N,SS,L,B)*	Observation	Init
12/14/96						~~F~~ P	~~F~~ G	L	SO: BAR, reported for dehy20, liquid stool, bloody stool, poor appetite - skin turgor is satisfactory - mucous membrane color pale PP3 (12/13) revealed grossly elevated ALT (339 U/L) which is up 216 U since PP3 of 3/11/96. GGT is also elevated at 117 U/L A: Hepatobiliary disease leading to chronic cachexia and anorexia P: Inform PI of condition Offer ORT, FRT, MT, TSB	BC
									SO2: U/A (12/13) was WNL	
12/16/96						G	G	N	SO: BAR	CP
12/19/96						F	G	N	SO: BAR, anorexia persists to some extent but stool is normal - PI refused further work-up for liver dz A: Progressive liver dz of unknown etiology - condition stable P: Supportive care PRN	BC

730620.01

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B = Bloody

D4681 (2/90)

25142	California Primate Research Center	24
Animal Number		Page

Date	Weight (kg)	TB test	24-hr reading	48-hr reading	72-hr reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)**	Observation	Init
12/20/96						F	G	E	SO: Bite, anorexia persists	
									A: Progressive Liver dz of	
									Unknown etiology	
									P: Offer FRT, TSB, MJ, rice cereal	
									to eliminate chance of hepatic	
									lipidosis	BL
12/27/96						G*	G	N	SO: Sx, Started this AM: F/J hydration	
									this AM. Consult continuing patient Dr	
12/27/96	3.60									
									SO: PI decided that further	
									work-up is merited	
									P: Add to outpatient sheet	
									Schedule Bile Acids test	
									followed by possible hepatic	
									biopsy	A
12-29-96						F/P	F/G	N	SO: Bar Dept. No stool - Animal	
									has scant stool under cage.	
									Not eating much. Gave	

~~VCV~~ ~~MMU~~ 25142 Date: 12-27-96
Procedures: 10 ml RT, VL, RL
Ketamine 0.5 ml
Axillary LN: R 4-6 L 4-6 mm
Inguinal LN: R 4-6 L 4-6 mm
Spleen: normal N enlarged (1-5)____
Wt. 3.60

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B = Bloody

730620.01

D4681 (2/90)

25142 | California Primate Research Center | 25

Animal Number | Page

Date	Weight (kg)	TB test	24-hr reading	48-hr reading	72-hr reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)*	Observation	Init
									Ont. Slight ↓ in skin turgor.	
									P: monitor Supportive care PRN	
									See 12-27 Re Bile Acids	KH
12/30/96						G	G	N	SO: BAR see 12/27	
1/3/97						G	G	N	SO: BAR nursing	
									P: Offer ORT, FRT, TSB	
									Monitor	
1/4/97						G	G	N	SO: BAR, P: See 1/3/97	GS
1/5/97						G	G	N	SO: BAR, P: See 1/3/97	GS
1/6/97						F	G	N	SO: BAR	
									A: Animal is doing well on	
									supplements	
									P: Continue supplements	
									~~Sees~~ Schedule bile acid	
									assay & PP3 rev	
1/7/97						G	F	N	SO: BAR Dail hydration see plan	
									of 1/6/97	
1/8/97	3.36					FAST	G	N	SO: BAR	
									collected blood (6ml)	
									for bile acid assay	
									and PP3	
									P: Await lab results	
1-9-97	3.34									

MM~~U~~ 25142 Date: 1-9-97
Procedures: Bled 10cc RT- VL- RL-
Ketamine: 0.4 ml
Axillary LN: R <2 L <2 mm
Inguinal LN: R <2 L <2 mm
Spleen: normal ___ enlarged (1-5) ___
Wt. 3.34

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid,

730620.01

581 (2/90)

25142	California Primate Research Center	26
Animal Number		Page

Date	Weight (kg)	TB test	24-hr reading	48-hr reading	72-hr reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)**	Observation	Init
1/9/97									Recent wt loss likely	
									due to 2 days of fasting	
									and anesthesia.	
									P: Continue to offer	
									supplements & monitor	
									closely	
1/10/97						F/P	F/P	L	S: Quiet pen appetite appears	
									to be slowly	
1/11/97						G	G	CC	S: BAR, drank 1/3 ORT. ate supp	
1/12/97						G	G	CC	S: BAR	
1/14/97						G/F	G	N	S: BAR	
									A: Animals appetite has	
									improved. Continue to monitor	
									and rev WT in near future	
11/6/97						F	F	N	S: BAR, fair appetite &	
									hydration, normal stool	
									(TO) offered ORT, continue	
									supplement & RM	
1/17/97						F/P	G	N	S: QAR	
									P: Offer ORT, TSB, FRT	
									Rev WT 1/21 Consult w/ SRA	
1/18/97						F/P	G	N	S: BAR	
1/19/97						F	G	N	S: BAR	
1/20/97						F	G	N	S: BAR	
1/21/97						F	F	N	S: RM	

* G = good, F = fair, P = poor

** N = normal, SS = semi-solid, L = liquid, B = Bloody

730620.01

D4681 (2/90)

25142 | California Primate Research Center | 27

Animal Number | Page

Date	Weight (kg)	TB test	24-hr reading	48-hr reading	72-hr reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)**	Observation	Init
1/22/97						F	G	N	SO: BAR	
									PP3 - ALT = 255	
									GGT = 102	
									Bile acids -	
									pre = 14	
									post. 40	
									liver dz remain elevated.	
									Elevated post-prandial bile	
									acid.	
									A: findings support liver dz	
									P: Consult SRA Re: liver	
									biopsy. E-mail sent	
1/23/97	3.54									
1/24/97	3.48									
									MMU 25142 Date: 1/24/97	
									Procedures: Bled IOC RT-VL-RL.	
									39 82	
									Ketamine: 0.3ml	
									Axillary LN: R 2-4 L 2-4 mm	
									Inguinal LN: R 2-4 L 2-4 mm	
									Spleen: normal ___ enlarged (1-5) ___	
									Wt. 3.48	
1/24/97						P	G	cc	SO: QAR ames yesterday	
									P: Monitor.	
1/25/97						F	G	cc	SO: BAR	
1/26/97						F	G	cc	SO: BAR	

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B = Bloody

730620.01

D4681 (2/90)

25142	California Primate Research Center	28
Animal Number		Page

Date	Weight (kg)	TB test	24-hr reading	48-hr reading	72-hr reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)**	Observation	Init
1/28/97						G	G	N	SO: BAR	
									Animals appetite was G/F	
									yesterday. Got OK from PI	
									for liver biopsy. Will hold	
									off ~~too~~ as long as animal	
									continues to do well.	
									P: Continue TSB + FRT	
									Monitor. E-mail sent	
1/29/97						G	G	N	SO: BAR see 1/28	
2/7/97									MCY/MMU 25142 Date: 2-7-97	
									Procedures: 10ml RTT, VL, RL	
									Ketamine: .5 ml	
2/9/97						G	G/F	N	SO: BAR, No bloody stool observed.	
									Rept. Bloody stool, mucstool +	
									2nd H2O. Mucous stool confirmed	
									2nd H2O WNL P. see 1/28	GS
2/12/97						G	G	N	SO: BAR, Fair hydration	
									normal stool	
2/12/97	3.54	~~N~~	-	-	-				4ml Ket TT	
2-21-97	3.48								MCY/MMU 25142 Date: 2-21-97	
									Procedures: 10cc RTT, VL, RL	
									Ketamine: 4 ml	
									Axillary LN: R <4 L <4 mm	
									Inguinal LN: R <4 L <4 mm	
									Spleen: normal ~~enlarged~~ (1-5)	
									Wt. 3.48	

730620.01

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B

(2/90)

25142 | California Primate Research Center | 29

Animal Number | Page

Date	WEIGHT (KG)	TB TEST	24-HR READING	48-HR READING	72-HR READING	APPETITE (G,F,P)*	HYDRATION (G,F,P)*	STOOL (N,SS,L,B)**	Observation	Init
2/21/97						G	G	N	SO: ames (please see prev. page). WT appears stable. A: stable P Monitor. Consider calorie rich supplements	C
2-22-97						F/G	F/G	N	SO: BAR	KH
2-23-97						F/G	F/G	N	SO. BAR Conv cnt	K'H
2/26/97						F/G	G	N	SO: BAR	
									Prev WT 3/6	C
3/7/97	3.56								MMU CY 25142 Date: 3-7-96 Thur. Procedures: Bled loc. RT. VL. RL. Ketamine: .4 ml Axillary LN: R 2-4 L 2-4 mm Inguinal LN: R 2-4 L <2 mm Spleen: normal N enlarged (1-5)____ Wt. 3.56 IN inoc w/ Sabin polio vaccine (4×10⁷ pfu)	TDS
3-10-97									MMU CY 25142 Date: 3-10-97 Procedures: IN inoc. w/ Sabin Polio vaccine. (4×10⁷ pfu) Ketamine: 0.4 ml	NB
3/11/97									weight stable. aseptic. frequent inoculations. D: discharge from prepuce	VS
3/12/97									MMU CY 25142 Date: 3-12-97 Procedures: IN inoc. w/ Sabin polio vaccine. Ketamine: 0.6 ml	NB

* G = good, F = fair, P = poor

** N = normal, SS = semi-solid, L = liquid, B = Bloody

730620.01

D4681 (2/90)

25142 | California Primate Research Center | 30

Animal Number | Page

Date	Weight (kg)	TB test	24-hr reading	48-hr reading	72-hr reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)*	Observation	Init
3-14-97									MMU 25142 Date: 3/14/97 Procedures: IN inoc. w/ Sabin polio vaccine - 45 Ketamine: 0.6 ml	
3/21/97	3.40								MMU 25142 Date: 3/21/97 Procedures: Bled 10cc RT. VL. RL. 94 46 Ketamine: 0.5 ml Axillary LN: R 6 L 6 mm Inguinal LN: R 6 L 6 mm Spleen: normal / enlarged (1-5)____	
4/4/97	3.67								MMU 25142 Date: 4/4/97 Procedures: Bled 10cc RT. VL. RL. 93 47 Ketamine 0.4 ml Axillary LN: R 6 L 6 mm Inguinal LN: R 6 L 6 mm Spleen: normal / enlarged (1-5)____ Wt. 3.67	
4-18-97									48 , 5 mes ket; Bled 10 mls RT, VLL+RL	
4/23/97				4	6	N	(10A)		SO: O/BAR Re no stool & depression NOted. decreased appetite - though 10A's of norm stool. Animal is a little quiet but moving around the cage well A: Stable P: Monitor	

730620.01

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B = Bloody

D4681 (2/90)

25142 | California Primate Research Center | 31

Animal Number | Page

Date	Weight (kg)	TB test	24-hr reading	48-hr reading	72-hr reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)**	Observation	Init
5-2-97	3.84								~~MCY~~ MMU 25142 Date: 5/2/97 Procedures: BLD 10cc RT. VL, RL Ketamine: 0.4 ml Axillary LN: R <4 L <4 mm Inguinal LN: R <4 L <4 mm Spleen: normal / enlarged (1-5)____ Wt. 3.84	
5-6-97	3.85									JCS
5/16/97									~~MCY~~ MMU 25142 Date: 5/16/97 Procedures: BLD 10 mLs HEP. RL. VL. Ketamine: 0.4 ml Axillary LN: R <6 L <6 mm Inguinal LN: R <6 L <6 mm Spleen: normal / enlarged (1-5)____ Wt. 3.81	
5/17/97						G	G	cc	SO: BAR, rept vomit but cage was just cleaned and none seen	
5/19/97						F	6	N	SO: BAR, reported for poor appetite, indeed small dry fecal pellets suggestive of ↓ dietary intake P: monitor	
5/30/97	4.02								~~MCY~~ MMU 25142 Date: 5/30/97 Procedures: BLD 10 mls RT. VL. RL. Ketamine: 0.5 ml Axillary LN: R <6 L <6 mm Inguinal LN: R <6 L <6 mm Spleen: normal ✓ enlarged (1-5)____ Wt. 4.02	

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquic

730620.01

4681 (2/90)

Mcy 25142	California Primate Research Center	32
Animal Number		Page

Date	Weight (kg)	TB Test	24-HR Reading	48-HR Reading	72-HR Reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)*	Observation	Init
5/31/97						F	G	N	Scant SO: BAR, rept heavy menses & vomit. Both confirmed. P: 2nd report of vomit in May 1997. Monitor for reoccurence.	
6/13/97									~~MMU~~ Mcy 25142 Date: 6/13/97 Procedures: B(ED) 10 ms RT. RL. VL. 90 Ketamine: 0.5 ml	
6-14-97						F	G	N	SO: BAR Rept. Vomit Confirmed. Animal was anesthetized yesterday.	KH
6-20-97	4.10					F	G	N	SO: BAR, rpt depression, mild quietness observed BM will recheck & move about cage, animal is nursing P: monitor for reoccurrence	MZ
6/27/97	3.96								Mcy ~~MMU~~ 25142 Date: 6/27/97 Procedures: B(ED) 10cc RT. RL. VL. 90 Ketamine 0.5 ml Axillary LN: R L4 L L4 mrn Inguinal LN: R L4 L L4 mm Spleen: normal ✓ enlarged (1-5) ____ Wt chk ok.	UB
7/11/97									Mcy ~~MMU~~ 25142 Date: 7/11/97 Procedures: B(ED) 10cc RT. VL. RL. 91 Ketamine: 0.5 ml	
7/16/97						G	G	N	SO: BAR Reported for depression. -1st report	AG

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B = Bloody

730620.01

D4681 (2/90)

25142 | California Primate Research Center | 33

Animal Number | Page

Date	Weight (kg)	TB test	24-hr reading	48-hr reading	72-hr reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)*	Observation	Init
7/16/97 (cont)									SO: (cont) Animal vocalized, stood, made aggressive posturing movements and moved freely about the cage. A: Behavior WNL. P: Continue to monitor.	CS
7/17/97						F	F	N	SO: reported for depression and poor appetite. Seen 3 bgt oreo cookies. Not depressed. P: continue to monitor	RP
7/25/97									MMU 25142 Date: 7/25/97 Procedures: BLD 92 10cc RT.VL.RL. Ketamine: 0.4 ml	
8/8/97	4.00								MMU 25142 Date: 8/8/97 Procedures: BLD 93 10cc RT.VL.RL. Ketamine: 0.4 ml Axillary LN: R WNL L WNL mm Inguinal LN: R WNL L WNL mm Spleen: normal / enlarged (1-5) ____ Wt. 4.00	mm
8/18/97						G	G	N	SO: BAR reported for depression appeared somewhat depressed also noted normal menses A: depression, menses P: monitor	CN

730620.01

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B = Bloody

D4681 (2/90)

mcy 25142 | California Primate Research Center | 34

Animal Number | Page

Date	Weight (kg)	TB test	24-hr reading	48-hr reading	72-hr reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)*	Init
8/22/97									

mcy ~~MMU~~ 25142 Date: 8/22/97
Procedures: Bled 10cc RT. VL. RL. 94
Ketamine: 0.5 ml

8/27/97						E/G	G	N	

50: WNL. Replied to poor appetite. Animal eating well. Just have 3 cookies left. P: continue to monitor appetite

9/5/97	3.88								

MMU 25142 Date: 9-5-97
Procedures: Bled 10cc RT. VL. RL. 95
Ketamine: 0.5 ml
Axillary LN: R 4 L 4 mm
Inguinal LN: R 4 L 4 mm
Spleen: normal ✓ enlarged (1-5) ___

9/19/97	3.92								

~~MMU~~ 25142 Date: 9-19-97
Procedures: Bled 10cc RT. VL. RL. 96
Ketamine: 0.5 ml
Axillary LN: R 4 L 4 mm
Inguinal LN: R 4 L 6 mm
Spleen: normal ✓ enlarged (1-5) +1
Wt.

10/3/97	4.10								

mcy ~~MMU~~ 25142 Date: 10/3/97
Procedures: Bled 10cc RT. VL. RL. 97
Ketamine: 0.5 ml

10/10/97						G	G	N	

50: Ate: heavy mixed fruit mush

10.14.97	3.86								

.4 ml Ket 78

10/17/97									

mcy ~~MMU~~ 25142 Date: 10/17/97
Procedures: Bled 10 cc RT. VL. RL. 98
Ketamine: 0.4 ml

730620.01

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B = Bloody

D4681 (2/90)

California Primate Research Center

may 25142
Animal Number

Date	WEIGHT (KG)	TB TEST	24-HR READING	48-HR READING	72-HR READING	APPETITE (G,F,P)*	HYDRATION (G,F,P)*	STOOL (N,SS,L,B)*	Observation
11/5/97						P	G	N	SO: QAR - Heavy menses. anti-
									skin turgor very good
									Alt history of heavy mens
									- Possible liver dz
									P: Perform FUA work-
									to R/o Anemia, Liver
									Endometriosis
11/7/97									SO: CBC (11/6) WNL
									Chem panel (11/6) - elev
									258 U/
ate entry 11/6/97									SO: PE revealed no
									abnormalities - collect
									for CBC/chem panel - c
									unsuccessful

DATE 1/6/97 | WEIGHT kg | ***PHYSICAL EXAM***

Temperature _____ °F
HR 200 RR 36
Pulses not palpable
Gen.Body Condition sl. thin
1. Integument spotty alopecia
2. Oral Cavity mild tartar
3. Eyes NSF 4. Ears NSF
5. Musculoskeletal NSF
6. Thorax Auscultation NSF
7. Abdominal Palpation WNL
8. Spleen WNL 9. Liver WNL
10. Lymph Nodes WNL
11. Urogenital
12. Rectal Palpation: Uterus
approx 2.5 cm long
uterus very firm

1/20/97									SO: PP3 (11/6)
									SGOT-88 CBC
									HD 10.4 MCV
									A: Elevated

730620.01

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B = Bloody

MCY 25142 | California Primate Research Center | 3rd Page

Animal Number

Date	Weight (kg)	TB Test	24-HR Reading	48-HR Reading	72-HR Reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)*	Observation	Init
11/20/97									R/O mild liver dz.	
									(2) mild hypochromic anemia most likely from heavy menses	
									R/O endometriosis	
									P: Monitor lab values.	
									Rev if further clinical signs	
									Consider hepatic sonography	
12/4/97						E	G	N	SO: BAR reported for depression	
									appears active but guarded	
									see 12/25	
12.9.97	3.81									
1/23/98						G	G	N	SO: BAR; reported for heavy menses	
									weight stable	
									P: Consider liver work-up if	
									weight loss, anemia occurs	
4/10/98	3.76	m/r	-	-	-			(2)	Ears Ok; tattoo	
4/15/98	4.08									
6/10/98	4.33									
6/18/98						G	E	N	SO: BAR F/U hydration. Reported	
									as quiet but unresponsive	
									possible pericardial effusion	

730620.01

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B = Bloody

D4681 (2/90)

25412	California Primate Research Center	37
Animal Number		Page

Date	Weight (kg)	TB test	24-HR reading	48-HR reading	72-HR reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)**	Observation	Init
									Normal behavior for this animal.	
									ⓐ No abnormalities seen	
									ⓟ Monitor for further signs + check hydration on 6/11	
7/1/98					6	6	N		SO: BAR Re heavy menses - conf. A: Intermittent heavy menses as sx of anemia ② elevated liver enzymes P: Consider re √CBC & Chem 20	
7/6/98					G	G	N		SO: BAR Gave 0.5cc ketamine IM to take blood samples. Took 2.5cc blood for CBC, Chem 20, Animal was difficult to bleed. P: Await results of tests	
7/10/98									SO: CBC (7/6) HCT 32, MCV 66 Chem 20 (7/6) ALT 316 ALP 206, γGT 84, AST 55 A: Cont mildly elevated liver enzymes	
8.12.98	4.38									
9/22/98					2/5	6	N		SO: BAR Re heavy menses - unable to conf A: Intermittent heavy menses & anemia	

730620.01

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B = Bloody

D4681 (2/90)

25412	California Primate Research Center	38
Animal Number		Page

Date	Weight (kg)	TB Test	24-HR Reading	48-HR Reading	72-HR Reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)*	Observation	Init
9/22/98									(2) elevated liver enzymes	
									P: Cont to monitor lab results	
									(LBX 4 Chem)	KC
10-14-98	4.54								.5 ml kit showed tattoo 64	KS
10-17-98						G	G	N	SO: BAR re: hemangiomas. Confined	
									A: Animal maintaining well, no	
									apparent discomfort.	
									P: Monitor.	RR
10/29/98						P	G	N	SO: BAR Re poor appetite	
									cont sm amt of dry	
									stool under cage A:	
									A: 1st recent report of poor	
									appetite. Cont w/ P: Monitor	RR
10/30/98						P	G	N	SO: BAR Re poor appetite	
									- cont sm amt of dry stool	
									A: 2nd report P: Offer	
									supplements to encourage	
									appetite	KC
11/6/98						F	G	N	SO: BAR A: 1st report of	
									poor appetite in a week	
									P: If poor appetite persists	
									consider supplementation	
									to encourage intake,	
									& PE to evaluate liver	KC
12-15-98	3.69									PH

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B = Bloody

730620.01

D4681 (2/90)

25142	California Primate Research Center	39
Animal Number		Page

Date	Weight (kg)	TB Test	24-HR Reading	48-HR Reading	72-HR Reading	Appetite (G,F,P)*	Hydration (G,F,P)*	Stool (N,SS,L,B)*	Observation	Init
1/28/99						C	C	N	BAR, Moderate tense thin	
									Monitor for prolonged	
									anorexia	BR
2/9/99	3.58	m/L							.5ml Ket 6⁵	KB
2/20/99						G	G	N	SO: BAR. Appt heavy menses,	
									confirmed by intermittent	
									heavy menses, no associated	
									anorexia P: monitor, consider	
									workup if persists	VB
3/10/99						G	G	N	SO: BAR RE depression &	
									unable to conf. Animal	
									very reactive ? threatening	KP
3/18/99	4.06								.5ml Ket → NX 66	JW

* G = good, F = fair, P = poor
** N = normal, SS = semi-solid, L = liquid, B = Bloody

730620.01

D4681 (2/90)

Animal Chart | Pathologist | Investigator | SNOMED/Files

11-03-99

CALIFORNIA PRIMATE RESEARCH CENTER
PATHOLOGY: NECROPSY REPORT

ANIMAL I.D.:	MCY25142	SEX:	F	DEATH DATE:	3-18-99
ROOM-CAGE:	AB5007-80	AGE:	16y 6m	TYPE OF DEATH:	Exp. Death
INVESTIGATOR:		PROJECT CODE:	PVV06	TIME OF DEATH:	
PATHOLOGIST:		CLINICIAN:		DATE OF NECROPSY:	3-18-99
BODY WEIGHT AFTER DEATH:	4.06 kg			TIME NECROPSY BEGAN:	

CLINICAL HISTORY: Moved to infectious housing on 8/7/96. Intranasal and rectal inoculation with human polio vaccine on 11/15/96,11/18/96, 11/22/96, and 11/25/96. Intranasal inoculation with 4x10e7 pfu Sabin polio vaccine on 3/7/97, 3/10/97, 3/12/97, and 3/14/97. Experimental cull on 3/18/99.

CLINICAL DIAGNOSIS: Open.

MODIFY NECROPSY: None.

GROSS OBSERVATIONS: Body as a whole: The animal is presented in good flesh.

GROSS & FINAL DIAGNOSES:
1. POLIO.
2. TISSUE HARVEST.
3. NSL.

COMMENTS: Tissues are harvested for the investigator. No tissues are saved for CRPRC histopathology.

6X49 . PVV06
I.D. PROJECT CODE

CALIFORNIA PRIMATE RESEARCH CENTER

CLINICAL BIOCHEMISTRY

MMU 25142
ANIMAL I.D.

INVESTIGATOR ____ REQUESTOR ____

7/6/98
DATE OF SAMPLE

ANIMAL DATA: 5007 - 80
HOME ROOM CAGE

F SEX | 15 YR 10 MO AGE | 4.33 KG WEIGHT

PROCEDURE IS: X DIAGNOSTIC AID ____ COLONY MANAGEMENT ____ EXPERIMENTAL

CLINICAL SIGNS/PROBLEMS:
anemia
elevated liver enzymes

HOSPITALIZED NO X YES ☐ ____ ROOM ____ CAGE

PRIOR THERAPY ? NO X YES ☐
LIST ALL AGENTS

TIME DRAWN 10:00 AM PM TEMP ____ °C

DIETARY STATUS: UNKNOWN ☐ FED X FASTED ☐ ____ HOURS COMMENTS: TO VMTH 7/7 L

SAMPLE: SERUM X HEPARINIZED PLASMA ☐ CITRATED BLOOD ☐ HEPARINIZED BLOOD ☐ URINE ☐ SAMPLE COLOR: NO ABNORMALITIES ☐ HEMOLYZED ☐ SL ICTERIC ☐ LIPEMIC ☐

PANEL: NOVA ☐ PP2 ☐ PP3 ☐ SPECIAL PANELS X (ARRANGE WITH LAB) Chem 20 CLINICAL SERUM BANK ☐
ART ☐ VEN ☐
BOX ____ SLOT ____

#	√	TEST	RESULT	UNITS	#	√	TEST	RESULT	UNITS	#	√	TEST	TIME	TIME	TIME	TIME	UNITS
1		SODIUM (S,HP)	146	mM/L	14		γ GT(S,HP)	84	U/L	25		NOVA					
2		POTASSIUM (S,HP)	4.1	mM/L	15		CPK (S,HP)	582	U/L			PH					pH unit
3		CHLORIDE (S,HP)	112	mM/L	16		AST [SGOT] (S,HP)	55	U/L			CO_2-pCO_2					mm Hg
4		TCO_2 (S,HP)	22	mM/L	17		BILI TOTAL(S,HP)	0.2	mg/dl			pO_2					mm Hg
		ANION GAP 3+4-(1+2)	16	mM/L	18		DIRECT		mg/dl			HCT					%
5		CALCIUM (S,HP)	9.6	mg/dl	19		INDIRECT		mg/dl			SODIUM					mM/L
6		PHOSPHOROUS (S)	5.3	mg/dl	20		LDH (S,HP)	419	U/L			POTASSIUM					mM/L
7		CREATININE (S,HP)	0.5	mg/dl	21		CHOLESTEROL (S,HP)	164	mg/dl			CHLORIDE					mM/L
8		BUN (S,HP)	23	mg/dl	22		TRIGLYCERIDES	54	mg/dl			CALCIUM					mM/L
9		GLUCOSE (S,P,HP)	41	mg/dl	23		*OTHER (SPECIFY)					GLUCOSE					mg/dl
10		ALT[SGPT] (S,HP)	316	U/L	24		*CLOTTING PANEL	PATIENT / CONTROL				HGB					g/dl
11		ALK P'TASE (S,HP)	206	U/L			PROTHROMBIN TIME		SEC			BE-ECF					mM/L
12		TOTAL PROTEIN (S)	7.1	gm/dl			PTT		SEC			BASE BALANCE					mM/L
13		ALBUMIN	3.4	gm/dl			FDP		µg/ml			BICARB					mM/L
												TCO_2					mM/L
												O_2 SAT					%
												ANION GAP					
												OSMO					mOsm/kg

* CALL BEFORE DRAWING SAMPLE

REPORTED BY ____ DATE 7/08/98

PERFORMED BY: CPRC ☐ VMTH X OTHER ☐

CLINICAL BIOCHEMISTRY

White - Animal's Chart (9/95) Yellow - Laboratory Pink - Requestor Goldenrod - Clinical Pathologist

16X49 PVV06 — I.D. / PROJECT CODE

CALIFORNIA PRIMATE RESEARCH CENTER

MMU 23102 — ANIMAL I.D.

CLINICAL BIOCHEMISTRY

INVESTIGATOR / REQUESTOR

7/6/98 — DATE OF SAMPLE

ANIMAL DATA: 5007 - 80 — HOMEROOM / CAGE

F — SEX; 15 YR 10 MO — AGE; 4.33 KG — WEIGHT

PROCEDURE IS: X DIAGNOSTIC AID ____ COLONY MANAGEMENT ____ EXPERIMENTAL

CLINICAL SIGNS/PROBLEMS:
anemia
Elevated liver enzymes

HOSPITALIZED NO X YES ☐ ____ ROOM ____ CAGE

PRIOR THERAPY ? NO X YES ☐ LIST ALL AGENTS

TIME DRAWN 10:00 (AM) PM TEMP ____ °C

DIETARY STATUS: UNKNOWN ☐ FED X FASTED ☐ ____ HOURS COMMENTS: TO VMTH 7/7 L

SAMPLE: SERUM X HEPARINIZED PLASMA ☐ CITRATED BLOOD ☐ HEPARINIZED BLOOD ☐ URINE ☐ SAMPLE COLOR: NO ABNORMALITIES ☐ HEMOLYZED ☐ SL ICTERIC ☐ LIPEMIC ☐

PANEL: NOVA ☐ ART ☐ VEN ☐ PP2 ☐ PP3 ☐ SPECIAL PANELS X (ARRANGE WITH LAB) Chem 20 CLINICAL SERUM BANK ☐ BOX ____ SLOT ____

#	√	TEST	RESULT	UNITS	#	√	TEST	RESULT	UNITS	#	√	TEST	TIME	TIME	TIME	TIME	UNITS
1		SODIUM (S,HP)	146	mM/L	14		γ GT(S,HP)	84	U/L	25		NOVA					
2		POTASSIUM (S,HP)	4.1	mM/L	15		CPK (S,HP)	552	U/L			PH					pH unit
3		CHLORIDE (S,HP)	112	mM/L	16		AST (SGOT) (S,HP)	55	U/L			CO_2-pCO_2					mm Hg
4		TCO_2 (S,HP)	22	mM/L	17		BILI TOTAL(S,HP)	0.2	mg/dl			pO_2					mm Hg
		ANION GAP 3+4-(1+2)	16	mM/L	18		DIRECT		mg/dl			HCT					%
5		CALCIUM (S,HP)	9.6	mg/dl	19		INDIRECT		mg/dl			SODIUM					mM/L
6		PHOSPHOROUS (S)	5.3	mg/dl	20		LDH (S,HP)	419	U/L			POTASSIUM					mM/L
7		CREATININE (S,HP)	0.5	mg/dl	21		CHOLESTEROL (S,HP)	164	mg/dl			CHLORIDE					mM/L
8		BUN (S,HP)	23	mg/dl	22		TRIGLYCERIDES	54	mg/dl			CALCIUM					mM/L
9		GLUCOSE (S,P,HP)	41	mg/dl	23		*OTHER (SPECIFY)					GLUCOSE					mg/dl
10		ALT[SGPT] (S,HP)	316	U/L	24		*CLOTTING PANEL	PATIENT / CONTROL				HGB					g/dl
11		ALK P'TASE (S,HP)	206	U/L			PROTHROMBIN TIME		SEC			BE-ECF					mM/L
12		TOTAL PROTEIN (S)	7.1	gm/dl			PTT		SEC			BASE BALANCE					mM/L
13		ALBUMIN	3.4	gm/dl			FDP		µg/ml			BICARB					mM/L
												TCO_2					mM/L
												O_2 SAT					%
												ANION GAP					
												OSMO					mOsm/kg

* CALL BEFORE DRAWING SAMPLE

REPORTED BY ____ DATE 7/08/98

PERFORMED BY: CPRC ☐ VMTH X OTHER ☐

CLINICAL BIOCHEMISTRY

White - Animal's Chart (9/95) Yellow - Laboratory Pink - Requestor Goldenrod - Clinical Pathologist

[redacted] ☒ VIRAL PRECAUTION

CALIFORNIA PRIMATE RESEARCH CENTER

HEMATOLOGY

6X49, PV006 — I.D. / PROJECT CODE

MMU 25142 — ANIMAL I.D.

— / — — INVESTIGATOR / REQUESTOR

7/6/98 — DATE OF SAMPLE

ANIMAL DATA: 5007 -80 — HOME ROOM / CAGE

F — SEX; 15 YR 10 MO — AGE; 4.33 KG — WEIGHT

PRODEDURE IS: ☒ DIAGNOSTIC AID ☐ COLONY MANAGEMENT ☐ EXPERIMENTAL

CLINICAL SIGNS / PROBLEMS:

anemia
elevated liver enzymes

HOSPITALIZED NO ☒ YES ☐ — ROOM / CAGE

PRIOR THERAPY ☒ NO ☐ YES

☐ 2-COLOR FACS CD4 = /µl

☐ 3-COLOR FACS CD8 = /µl

CD4/CD8 RATIO =

BLEEDING CONDITIONS: ☐ Squeezed - limb pulled ☐ Caught on run ☐ Fasted ___ hrs ☒ Anesthetized ☐ Other ___

☒ COMPLETE BLOOD COUNT: ELECTRONIC CELL COUNT, SMEAR EVALUATION, PLASMA PROTEIN, FIBRINOGEN

☐ ELECTRONIC CELL COUNT

WBC	5.6	X 10^3 / µl
RBC	4.86	X 10^6 / µl
HEMOGLOBIN	10.3	gm/dl
HEMATOCRIT	32.0	%
MCV	66	fl
MCH	21.2	pg
MCHC	32.2	pg/fl
PLATELETS	2.90	X 10^5 / µl

☐ RETICULOCYTES ___ % ___ X 10^5 / µl

☐ PCV (CENTRIFUGED) ___ %

☐ PLASMA PROTEIN 7.1 gm/dl

PLASMA COLOR:
- ☐ NO ABNORMALITIES
- ☒ HEMOLYZED SL
- ☐ ICTERIC
- ☐ LIPEMIC

☐ FIBRINOGEN 300 mg/dl

☐ SMEAR EVALUATION: TOTAL WBC 5.6 X 10^3/µl

☐ CORRECTED WBC ___ X 10^3/µl

DIFFERENTIAL	%	/µl
METAMYELOCYTES		
BAND NEUTROPHILS		
SEG. NEUTROPHILS	40	2240
LYMPHOCYTES	43	2408
MONOCYTES	14	784
EOSINOPHILS	3	168
BASOPHILS		
OTHER		
NRBC/100 WBC		

PLATELETS
- ☒ ADEQUATE
- ☐ DECREASED ☐+1 ☐+2 ☐+3
- ☐ INCREASED ☐+1 ☐+2 ☐+3
- ☐ LARGE PLATELETS
- ☐ CLUMPED

ERYTHROCYTE MORPHOLOGY
- ☐ ESSENTIALLY NORMAL
- ☒ HYPOCHROMASIA ☒+1 ☐+2 ☐+3 ☐+4
- ☐ POLYCHROMASIA ☐+1 ☐+2 ☐+3 ☐+4
- ☐ LEPTOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
- ☐ POIKILOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
- ☐ ANISOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
- ☐ ROULEAUX ☐+1 ☐+2 ☐+3 ☐+4

COMMENTS: ☐ PARTIALLY CLOTTED SAMPLE ☐ PREDILUTE

REPORTED BY: ___

REPORT DATE: 7/6/98

CLINICAL HEMATOLOGY

White - Animal's Chart; Yellow - Laboratory; Pink - Requestor; Goldenrod - Clinical Pathologist

3604 , PVV06
I.D. PROJECT CODE

CALIFORNIA PRIMATE RESEARCH CENTER

HEMATOLOGY

MMO 25142
ANIMAL I.D.

INVESTIGATOR REQUESTOR

11/6/97
DATE OF SAMPLE

ANIMAL DATA: 5007 - 90
HOME ROOM CAGE

F SEX | 15 YR 2 MO AGE | 3.86 KG WEIGHT

PRODEDURE IS: X DIAGNOSTIC AID ____ COLONY MANAGEMENT ____ EXPERIMENTAL

CLINICAL SIGNS / PROBLEMS:
Heavy menses

HOSPITALIZED NO X YES ☐ ____ ROOM ____ CAGE

PRIOR THERAPY X NO ☐ YES
LIST ALL AGENTS:

BLEEDING CONDITIONS: ☐ Squeezed - limb pulled ☐ Caught on run ☐ Fasted ____ hrs X Anesthetized ☐ Other ____

X COMPLETE BLOOD COUNT: ELECTRONIC CELL COUNT, SMEAR EVALUATION, PLASMA PROTEIN, FIBRINOGEN

☐ ELECTRONIC CELL COUNT

WBC	4.0	X 10^3 / µl
RBC	5.23	X 10^6 / µl
HEMOGLOBIN	10.4	gm/dl
HEMATOCRIT	33.7	%
MCV	65	fl
MCH	19.9	pg
MCHC	30.9	pg/fl
PLATELETS	2.56	X 10^5 / µl

☐ RETICULOCYTES % ____ X 10^5 / µl

☐ PCV (CENTRIFUGED) %

☐ PLASMA PROTEIN 6.8 gm/dl

PLASMA COLOR:
- ☑ NO ABNORMALITIES
- ☐ HEMOLYZED
- ☐ ICTERIC
- ☐ LIPEMIC

☐ FIBRINOGEN 100 mg/dl

☐ SMEAR EVALUATION: TOTAL WBC 4.0 X 10^3/µl
☐ CORRECTED WBC ____ X 10^3/µl

DIFFERENTIAL	%	/µl
METAMYELOCYTES		
BAND NEUTROPHILS		
SEG. NEUTROPHILS	52	2080
LYMPHOCYTES	41	1640
MONOCYTES	7	280
EOSINOPHILS		
BASOPHILS		
OTHER		
NRBC/100 WBC		

COMMENTS: ☐ PARTIALLY CLOTTED SAMPLE ☐ PREDILUTE

PLATELETS
- ☑ ADEQUATE
- ☐ DECREASED ☐ +1 ☐ +2 ☐ +3
- ☐ INCREASED ☐ +1 ☐ +2 ☐ +3
- ☑ LARGE PLATELETS
- ☑ CLUMPED

ERYTHROCYTE MORPHOLOGY
- ☑ ESSENTIALLY NORMAL
- ☐ HYPOCHROMASIA ☐ +1 ☐ +2 ☐ +3 ☐ +4
- ☐ POLYCHROMASIA ☐ +1 ☐ +2 ☐ +3 ☐ +4
- ☐ LEPTOCYTOSIS ☐ +1 ☐ +2 ☐ +3 ☐ +4
- ☐ POIKILOCYTOSIS ☐ +1 ☐ +2 ☐ +3 ☐ +4
- ☑ ANISOCYTOSIS ☑ +1 ☐ +2 ☐ +3 ☐ +4
- ☐ ROULEAUX ☐ +1 ☐ +2 ☐ +3 ☐ +4

REPORTED BY: ____

REPORT DATE: 11-6-97

CLINICAL
White - Animal's Chart Yellow - Laboratory

HEMATOLOGY
Pink - Requestor Goldenrod - Clinical Pathologist

3604 , PVY06
I.D. PROJECT CODE

CALIFORNIA PRIMATE RESEARCH CENTER

CLINICAL BIOCHEMISTRY

MCY [redacted] 25142
ANIMAL I.D.

INVESTIGATOR ____ REQUESTOR ____

11/6/97
DATE OF SAMPLE

ANIMAL DATA: 5007 - 80
HOME ROOM CAGE

F SEX | 15 YR 2 MO AGE | 3.86 KG WEIGHT

PROCEDURE IS: T DIAGNOSTIC AID ____ COLONY MANAGEMENT ____ EXPERIMENTAL

CLINICAL SIGNS/PROBLEMS:
Heavy menses
History of high liver values

HOSPITALIZED NO ☒ YES ☐ ____ ROOM ____ CAGE

PRIOR THERAPY ? NO ☒ YES ☐
LIST ALL AGENTS

TIME DRAWN ____ AM PM TEMP____ °C

DIETARY STATUS: UNKNOWN ☐ FED ☒ FASTED ☐ ____ HOURS COMMENTS : TO VMTH 11/01

SAMPLE: SERUM ☒ HEPARINIZED PLASMA ☐ CITRATED BLOOD ☐ HEPARINIZED BLOOD ☐ URINE ☐ SAMPLE COLOR: NO ABNORMALITIES ☑
HEMOLYZED ☐ ICTERIC ☐ LIPEMIC ☐

PANEL: NOVA ☐ PP2 ☐ PP3 ☒ SPECIAL PANELS ☐ (ARRANGE WITH LAB) CLINICAL SERUM BANK ☐
ART ☐ VEN ☐
BOX ____ SLOT ____

#	√	TEST	RESULT	UNITS	#	√	TEST	RESULT	UNITS	#	√	TEST	TIME	TIME	TIME	TIME	UNITS
1		SODIUM (S,HP)	146	mM/L	14		γ GT(S,HP)	88	U/L	25		NOVA					
2		POTASSIUM (S,HP)	3.7	mM/L	15		CPK (S,HP)		U/L			PH					pH unit
3		CHLORIDE (S,HP)	109	mM/L	16		AST (SGOT) (S,HP)		U/L			CO_2-pCO_2					mm Hg
4		TCO_2 (S,HP)	25	mM/L	17		BILI TOTAL(S,HP)	0.2	mg/dl			pO_2					mm Hg
		ANION GAP 3+4-(1+2)	16	mM/L	18		DIRECT	0.1	mg/dl			HCT					%
5		CALCIUM (S,HP)	9.1	mg/dl	19		INDIRECT		mg/dl			SODIUM					mM/L
6		PHOSPHOROUS (S)	4.4	mg/dl	20		LDH (S,HP)		U/L			POTASSIUM					mM/L
7		CREATININE (S,HP)	0.6	mg/dl	21		CHOLESTEROL (S,HP)		mg/dl			CHLORIDE					mM/L
8		BUN (S,HP)	21	mg/dl	22		TRIGLYCERIDES		mg/dl			CALCIUM					mM/L
9		GLUCOSE (S,P,HP)	54	mg/dl	23		*OTHER (SPECIFY)					GLUCOSE					mg/dl
10		ALT[SGPT] (S,HP)	258	U/L	24		*CLOTTING PANEL	PATIENT / CONTROL				HGB					g/dl
11		ALK P'TASE (S,HP)	220	U/L			PROTHROMBIN TIME		SEC			BE-ECF					mM/L
12		TOTAL PROTEIN (S)	7.2	gm/dl			PTT		SEC			BASE BALANCE					mM/L
13		ALBUMIN	3.7	gm/dl			FDP		µg/ml			BICARB					mM/L
												TCO_2					mM/L
												O_2 SAT					%
												ANION GAP					
												OSMO					mOsm/kg

* CALL BEFORE DRAWING SAMPLE

REPORTED BY ____ DATE 11/7/97

PERFORMED BY: CPRC ☐ VMTH ☒ OTHER ☐

CLINICAL BIOCHEMISTRY

White - Animal's Chart (9/95) Yellow - Laboratory Pink - Requestor Goldenrod - Clinical Pathologist

I.D. / PVD6 PROJECT CODE

CALIFORNIA PRIMATE RESEARCH CENTER

CLINICAL BIOCHEMISTRY

MCY25142 ANIMAL I.D.

INVESTIGATOR / REQUESTOR

1/8/97 DATE OF SAMPLE

ANIMAL DATA: 5007 - 79 HOME ROOM CAGE

F SEX | 4 YR 9 MO AGE | 3.56 KG WEIGHT

PROCEDURE IS: X DIAGNOSTIC AID ____ COLONY MANAGEMENT ____ EXPERIMENTAL

CLINICAL SIGNS/PROBLEMS:

elevated liver n3

HOSPITALIZED NO X YES ☐ ____ ROOM ____ CAGE

PRIOR THERAPY ? NO X YES ☐
LIST ALL AGENTS

TIME DRAWN ____ AM PM TEMP ____ °C

DIETARY STATUS: UNKNOWN ☐ FED ☐ FASTED X 6 HOURS COMMENTS: to VMTH 1/9

SAMPLE: SERUM X HEPARINIZED PLASMA ☐ CITRATED BLOOD ☐ HEPARINIZED BLOOD ☐ URINE ☐ SAMPLE COLOR: NO ABNORMALITIES ☐ HEMOLYZED ☑ sl ICTERIC ☑ sl LIPEMIC ☐

PANEL: NOVA ☐ ART ☐ VEN ☐ PP2 ☐ PP3 X SPECIAL PANELS ☐ (ARRANGE WITH LAB) CLINICAL SERUM BANK ☐ BOX ____ SLOT ____

#	√	TEST	RESULT	UNITS	#	√	TEST	RESULT	UNITS	#	√	TEST	TIME	TIME	TIME	TIME	UNITS
1		SODIUM (S,HP)	146	mM/L	14		γ GT(S,HP)	102	U/L	25		NOVA					
2		POTASSIUM (S,HP)	3.4	mM/L	15		CPK (S,HP)		U/L			PH					pH unit
3		CHLORIDE (S,HP)	112	mM/L	16		AST (SGOT) (S,HP)		U/L			CO_2-pCO_2					mm Hg
4		TCO_2 (S,HP)	25	mM/L	17		BILI TOTAL(S,HP)	0.3	mg/dl			pO_2					mm Hg
		ANION GAP 3+4-(1+2)	12	mM/L	18		DIRECT	0.0	mg/dl			HCT					%
5		CALCIUM (S,HP)	8.7	mg/dl	19		INDIRECT		mg/dl			SODIUM					mM/L
6		PHOSPHOROUS (S)	4.8	mg/dl	20		LDH (S,HP)		U/L			POTASSIUM					mM/L
7		CREATININE (S,HP)	1.0	mg/dl	21		CHOLESTEROL (S,HP)		mg/dl			CHLORIDE					mM/L
8		BUN (S,HP)	16	mg/dl	22		TRIGLYCERIDES		mg/dl			CALCIUM					mM/L
9		GLUCOSE (S,P,HP)	49	mg/dl	23		*OTHER (SPECIFY)					GLUCOSE					mg/dl
10		ALT(SGPT) (S,HP)	253	U/L	24		*CLOTTING PANEL	PATIENT / CONTROL				HGB					g/dl
11		ALK P'TASE (S,HP)	255	U/L			PROTHROMBIN TIME		SEC			BE-ECF					mM/L
12		TOTAL PROTEIN (S)	7.2	gm/dl			PTT		SEC			BASE BALANCE					mM/L
13		ALBUMIN	3.8	gm/dl			FDP		µg/ml			BICARB					mM/L
												TCO_2					mM/L
												O_2 SAT					%
												ANION GAP					
												OSMO					mOsm/kg

results verified 1/15/97

* CALL BEFORE DRAWING SAMPLE

REPORTED BY ____ DATE 1/15/97

PERFORMED BY: CPRC ☐ VMTH X OTHER ☐

CLINICAL BIOCHEMISTRY

White - Animal's Chart (9/95) Yellow - Laboratory Pink - Requestor Goldenrod - Clinical Pathologist

PVV06 — I.D. / PROJECT CODE

CALIFORNIA PRIMATE RESEARCH CENTER

MISCELLANEOUS

MCY25142 — ANIMAL I.D.

INVESTIGATOR / REQUESTER

1/8/97 — DATE OF SAMPLE

ANIMAL DATA: 5007 (ROOM) - 79 (CAGE)

F (SEX) 14 YR 4 MO (AGE) 3.56 KG (WEIGHT)

PROCEDURE IS: X DIAGNOSTIC AID ____ COLONY MANAGEMENT ____ EXPERIMENTAL

CLINICAL SIGNS / PROBLEMS: elevated liver nz

HOSPITALIZED NO [X] YES [ ] ____ ROOM ____ CAGE

PRIOR THERAPY [X] NO [ ] YES
LIST ALL AGENTS:

BLEEDING CONDITIONS: [ ] Squeezed - limb pulled [ ] Caught on run [ ] Fasted____hrs [X] Anesthetized [ ] Other____

PROCEDURE(S) REQUESTED: bile acid assay

SPECIMEN: serum (2 samples - preprandial & 1 hr p)

RESULTS

Bile Acids 14 µMol/l

Bile Acids post 40 µMol/l

1/15/97

MISCELLANEOUS

White - Animal's Chart Yellow - Laboratory Pink - Requester Goldenrod - Clinical Pathologist

3604, PVR04
I.D. PROJECT CODE

CALIFORNIA PRIMATE RESEARCH CENTER

URINALYSIS

MCY 25142
ANIMAL I.D.

12/13/94
DATE OF SAMPLE

INVESTIGATOR REQUESTOR

ANIMAL DATA 5007 - 79
ROOM CAGE

F
SEX

14 YR 3 MO
AGE

3.59 KG
WEIGHT

PRODEDURE IS X DIAGNOSTIC AID COLONY MANAGEMENT EXPERIMENTAL

SUSPECTED DIAGNOSIS

Anorexia

METHOD OF COLLECTION

Cysto

HOSPITALIZED [X] NO

Transparency	sl. cloudy
Color	yellow
Specific Gravity	1.015
Reaction pH	6.0
Protein	trace
Glucose	Ø
Ketone	Ø
Bilirubin	Ø
Occult blood	trace (non-hemolyzed)
(2.0 cc)	
Miroscopic Sediment:	
Casts	rare finely granular
WBC	Ø
RBC	0-1/hpf
Epithelial cells	Ø
Crystals	Ø
Bacteria	Ø
Yeast/droplets	Ø
Sperm	Ø

Remarks: Mod. amount amorphous material

REVIEWED BY

REVIEW DATE 12-13-94

CLINICAL URINALYSIS

White - Animal's Chart Yellow - Laboratory Pink - Requestor Goldenrod - Clinical Pathologist

3004 , PVV04
I.D. PROJECT CODE

[redacted]
CALIFORNIA PRIMATE RESEARCH CENTER

CLINICAL BIOCHEMISTRY

MCY 25142
ANIMAL I.D.

INVESTIGATOR / REQUESTOR

12/13/96
DATE OF SAMPLE

ANIMAL DATA: 5007 - 75
HOME ROOM CAGE

F SEX | 14 YR 3 MO AGE | 3.59 KG WEIGHT

PROCEDURE IS: X DIAGNOSTIC AID ____ COLONY MANAGEMENT ____ EXPERIMENTAL

CLINICAL SIGNS/PROBLEMS:

HOSPITALIZED NO ☐ YES ☐ ____ ROOM ____ CAGE

PRIOR THERAPY ? NO ☐ YES ☐
LIST ALL AGENTS

TIME DRAWN ____ AM PM TEMP____ °C

DIETARY STATUS: UNKNOWN ☐ FED ☐ FASTED ☐ ____ HOURS COMMENTS : to VMTH 12/—

SAMPLE: SERUM ☐ HEPARINIZED PLASMA ☐ CITRATED BLOOD ☐ HEPARINIZED BLOOD ☐ URINE ☐ SAMPLE COLOR: NO ABNORMALITIES ☐ HEMOLYZED ☑ sl

PANEL: NOVA ☐ PP2 ☐ PP3 ☒ SPECIAL PANELS ☐ (ARRANGE WITH LAB) CLINICAL SERUM BANK ☐ ICTERIC ☐
ART ☐ VEN ☐ BOX ____ SLOT ____ LIPEMIC ☐

#	√	TEST	RESULT	UNITS	#	√	TEST	RESULT	UNITS	#	√	TEST	TIME	TIME	TIME	TIME	UNITS
1		SODIUM (S,HP)	147	mM/L	14		γGT(S,HP)	117	U/L	25		NOVA					
2		POTASSIUM (S,HP)	3.9	mM/L	15		CPK (S,HP)		U/L			PH					pH unit
3		CHLORIDE (S,HP)	117	mM/L	16		AST (SGOT) (S,HP)		U/L			CO_2-pCO_2					mm Hg
4		TCO_2 (S,HP)	20	mM/L	17		BILI TOTAL(S,HP)	0.2	mg/dl			pO_2					mm Hg
		ANION GAP 3+4-(1+2)	14	mM/L	18		DIRECT	0.0	mg/dl			HCT					%
5		CALCIUM (S,HP)	9.2	mg/dl	19		INDIRECT		mg/dl			SODIUM					mM/L
6		PHOSPHOROUS (S)	6.3	mg/dl	20		LDH (S,HP)		U/L			POTASSIUM					mM/L
7		CREATININE (S,HP)	1.0	mg/dl	21		CHOLESTEROL (S,HP)		mg/dl			CHLORIDE					mM/L
8		BUN (S,HP)	16	mg/dl	22		TRIGLYCERIDES		mg/dl			CALCIUM					mM/L
9		GLUCOSE (S,P,HP)	67	mg/dl	23		*OTHER (SPECIFY)					GLUCOSE					mg/dl
10		ALT(SGPT) (S,HP)	339	U/L	24		*CLOTTING PANEL	PATIENT / CONTROL				HGB					g/dl
11		ALK P'TASE (S,HP)	325	U/L			PROTHROMBIN TIME		SEC			BE-ECF					mM/L
12		TOTAL PROTEIN (S)	7.8	gm/dl			PTT		SEC			BASE BALANCE					mM/L
13		ALBUMIN	4.2	gm/dl			FDP		µg/ml			BICARB					mM/L
												TCO_2					mM/L
												O_2 SAT					%
												ANION GAP					
												OSMO					mOsm/kg

* CALL BEFORE DRAWING SAMPLE

REPORTED BY ____ DATE 12/13/96

PERFORMED BY: CPRC ☐ VMTH ☒ OTHER ☐

CLINICAL BIOCHEMISTRY

White - Animal's Chart (9/95) Yellow - Laboratory Pink - Requestor Goldenrod - Clinical Pathologist

8724, CRB01
I.D. PROJECT CODE

CALIFORNIA PRIMATE RESEARCH CENTER

HEMATOLOGY

NCY 25142
ANIMAL I.D.

3-11-96
DATE OF SAMPLE

INVESTIGATOR / REQUESTOR

ANIMAL DATA: 1605 - 89
HOME ROOM CAGE

F SEX | 13 YR 6 MO AGE | KG WEIGHT

PRODEDURE IS: X DIAGNOSTIC AID ____ COLONY MANAGEMENT ____ EXPERIMENTAL

CLINICAL SIGNS / PROBLEMS: chronic wt loss

PRIOR THERAPY ☒ NO ☐ YES
LIST ALL AGENTS:

HOSPITALIZED NO ☒ YES ☐ ____ ROOM ____ CAGE

BLEEDING CONDITIONS: ☐ Squeezed - limb pulled ☐ Caught on run ☐ Fasted ____ hrs ☒ Anesthetized ☐ Other ____

☒ COMPLETE BLOOD COUNT: ELECTRONIC CELL COUNT, SMEAR EVALUATION, PLASMA PROTEIN, FIBRINOGEN

☐ ELECTRONIC CELL COUNT

WBC	3.5	X 10^3/µl
RBC	5.29	X 10^6/µl
HEMOGLOBIN	10.3	gm/dl
HEMATOCRIT	33.2	%
MCV	63	fl
MCH	19.5	pg
MCHC	31.0	pg/fl
PLATELETS	268	X 10^5/µl

☐ RETICULOCYTES ____ % ____ X 10^5/µl

☐ PCV (CENTRIFUGED) ____ %

☐ PLASMA PROTEIN 6.7 gm/dl

PLASMA COLOR:
☐ NO ABNORMALITIES
☒ HEMOLYZED
☐ ICTERIC
☐ LIPEMIC

☐ FIBRINOGEN 200 mg/dl

☐ SMEAR EVALUATION: TOTAL WBC 3.5 X 10^3/µl
☐ CORRECTED WBC ____ X 10^3/µl

DIFFERENTIAL	%	/ µl
METAMYELOCYTES		
BAND NEUTROPHILS		
SEG. NEUTROPHILS	42	1470
LYMPHOCYTES	55	1925
MONOCYTES		
EOSINOPHILS	2	70
BASOPHILS	1	35
OTHER		
NRBC/100 WBC		

PLATELETS
☑ ADEQUATE
☐ DECREASED ☐ +1 ☐ +2 ☐ +3
☐ INCREASED ☐ +1 ☐ +2 ☐ +3
☐ LARGE PLATELETS
☐ CLUMPED

ERYTHROCYTE MORPHOLOGY
☑ ESSENTIALLY NORMAL
☐ HYPOCHROMASIA ☐ +1 ☐ +2 ☐ +3 ☐ +4
☐ POLYCHROMASIA ☐ +1 ☐ +2 ☐ +3 ☐ +4
☐ LEPTOCYTOSIS ☐ +1 ☐ +2 ☐ +3 ☐ +4
☐ POIKILOCYTOSIS ☐ +1 ☐ +2 ☐ +3 ☐ +4
☐ ANISOCYTOSIS ☐ +1 ☐ +2 ☐ +3 ☐ +4
☐ ROULEAUX ☐ +1 ☐ +2 ☐ +3 ☐ +4

COMMENTS: ☐ PARTIALLY CLOTTED SAMPLE

REPORTED BY: ____

REPORT DATE: 3-11-96

CLINICAL HEMATOLOGY
White - Animal's Chart Yellow - Laboratory Pink - Requestor Goldenrod - Clinical Pathologist

8124, CRB01
I.D. PROJECT CODE

CALIFORNIA PRIMATE RESEARCH CENTER
PARASITOLOGY

MCY 25142
ANIMAL I.D.

3-11-96
DATE OF SAMPLE

INVESTIGATOR REQUESTOR

ANIMAL DATA: 1605 – 89
ROOM CAGE

F 13 YR 6 MO KG
SEX AGE WEIGHT

PRODEDURE IS: [X] DIAGNOSTIC AID [ ] COLONY MANAGEMENT [ ] EXPERIMENTAL

CLINICAL SIGNS/PROBLEMS:
[ ] DIARRHEA
chronic wt loss

HOSPITALIZED NO [X] YES [ ] ____ – ____
ROOM CAGE

PRIOR THERAPY [X] NO [ ] YES
LIST ALL AGENTS:

SOURCE OF SPECIMEN:
[ ] FECES, Fresh catch [ ] Composite
[X] FECES, Cage sample [ ] OTHER ____

PROCEDURE REQUESTED:
[X] DIRECT EXAMINATION
[ ] CONCENTRATION
SEDIMENTATION FORMALIN-ETHYLACETATE [ ]
FLOTATION ZINC SULFATE [ ]

[ ] SKIN SCRAPING EXAM
[ ] STAIN FOR ACID FAST BACILLI
[ ] CRYPTOSPORIDIA / GIARDIA IFA
[ ] OTHER ____

FOR LABORATORY USE ONLY

APPEARANCE	CONSISTENCY: formed	COLOR: brown
EXAMINATION	[ ] RBC: 0 [ ] WBC: 0	[ ] OTHER:

	Balantidium coli		Entamoeba histolytica
	Blastocystis hominis		Giardia lamblia
	Chilomastix mesnili		Hexamita pitheci
	Endolimax nana		Iodamoeba butschlii
	Entamoeba NOS		Trichomonas, NOS
	Entamoeba coli		Trichuris trichiura
	Entamoeba hartmanni	✓	No Parasites Seen

	Cryptosporidium IFA		Acid fast bacilli
	Giardia IFA		Budding yeast

REPORTED BY: ____

REPORT DATE: 3/11/96

CLINICAL PARASITOLOGY

White - Animal's Chart Yellow - Laboratory Pink - Requestor Goldenrod - Clinic Pathologist

8724 , CRB01
I.D. PROJECT CODE

CALIFORNIA PRIMATE RESEARCH CENTER
CLINICAL BIOCHEMISTRY

MCY 25142
ANIMAL I.D.

INVESTIGATOR / REQUESTOR

3-11-96
DATE OF SAMPLE

ANIMAL DATA: 1605 - 89
HOME ROOM CAGE

F SEX | 13 YR 6 MO AGE | KG WEIGHT

PROCEDURE IS: X DIAGNOSTIC AID ____ COLONY MANAGEMENT ____ EXPERIMENTAL

CLINICAL SIGNS/PROBLEMS: chronic wt loss

PRIOR THERAPY ? NO ☒ YES ☐
LIST ALL AGENTS

HOSPITALIZED NO ☒ YES ☐ ____ ROOM ____ CAGE

TIME DRAWN ____ AM PM TEMP ____ °C

DIETARY STATUS: UNKNOWN ☐ FED ☒ FASTED ☐ ____ HOURS COMMENTS : TO VMTH 3/11 VC

SAMPLE: SERUM ☒ HEPARINIZED PLASMA ☐ CITRATED BLOOD ☐ HEPARINIZED BLOOD ☐ URINE ☐ SAMPLE COLOR: NO ABNORMALITIES ☒ HEMOLYZED ☐ ICTERIC ☐ LIPEMIC ☐

PANEL: NOVA ☐ PP2 ☐ PP3 ☒ SPECIAL PANELS ☐ (ARRANGE WITH LAB) CLINICAL SERUM BANK ☐
ART ☐ VEN ☐
BOX ____ SLOT ____

#	√	TEST	RESULT	UNITS	#	√	TEST	RESULT	UNITS	#	√	TEST	TIME	TIME	TIME	TIME	UNITS
1		SODIUM (S,HP)	142	mM/L	14		γ GT(S,HP)	127	U/L	25		NOVA					
2		POTASSIUM (S,HP)	4.0	mM/L	15		CPK (S,HP)		U/L			PH					pH unit
3		CHLORIDE (S,HP)	115	mM/L	16		AST [SGOT] (S,HP)		U/L			CO_2-pCO_2					mm Hg
4		TCO_2 (S,HP)	25	mM/L	17		BILI TOTAL(S,HP)	0.2	mg/dl			pO_2					mm Hg
		ANION GAP 3+4-(1+2)	6	mM/L	18		DIRECT	0.0	mg/dl			HCT					%
5		CALCIUM (S,HP)	8.9	mg/dl	19		INDIRECT		mg/dl			SODIUM					mM/L
6		PHOSPHOROUS (S)	4.4	mg/dl	20		LDH (S,HP)		U/L			POTASSIUM					mM/L
7		CREATININE (S,HP)	0.7	mg/dl	21		CHOLESTEROL (S,HP)		mg/dl			CHLORIDE					mM/L
8		BUN (S,HP)	17	mg/dl	22		TRIGLYCERIDES		mg/dl			CALCIUM					mM/L
9		GLUCOSE (S,P,HP)	57	mg/dl	23		*OTHER (SPECIFY)					GLUCOSE					mg/dl
10		ALT[SGPT] (S,HP)	123	U/L	24		*CLOTTING PANEL	PATIENT / CONTROL				HGB					g/dl
11		ALK P'TASE (S,HP)	320	U/L			PROTHROMBIN TIME		SEC			BE-ECF					mM/L
12		TOTAL PROTEIN (S)	6.6	gm/dl			PTT		SEC			BASE BALANCE					mM/L
13		ALBUMIN	3.6	gm/dl			FDP		µg/ml			BICARB					mM/L
												TCO_2					mM/L
												O_2 SAT					%
												ANION GAP					
												OSMO					mOsm/kg

* CALL BEFORE DRAWING SAMPLE

REPORTED BY ____ DATE 3/12/96

PERFORMED BY: CPRC ☐ VMTH ☐ OTHER ☐

CLINICAL BIOCHEMISTRY

White - Animal's Chart (9/95) Yellow - Laboratory Pink - Requestor Goldenrod - Clinical Pathologist

8724, CRB01
I.D. PROJECT CODE

CALIFORNIA PRIMATE RESEARCH CENTER

MCY 25142
ANIMAL I.D.

MISCELLANEOUS

___ / ___
INVESTIGATOR REQUESTER

3-22-96
DATE OF SAMPLE

ANIMAL DATA: 1605 - 89
ROOM CAGE

F | 13 YR 6 MO | 3.18 KG
SEX | AGE | WEIGHT

PROCEDURE IS: X DIAGNOSTIC AID ____ COLONY MANAGEMENT ____ EXPERIMENTAL

CLINICAL SIGNS / PROBLEMS:
Chronic wt loss
↑ GGT -- poss. liver dz.

PRIOR THERAPY ☐NO ☐YES
LIST ALL AGENTS:

HOSPITALIZED NO ☐ YES ☐ ____ / ____
ROOM CAGE

BLEEDING CONDITIONS: ☐ Squeezed - limb pulled ☐ Caught on run ☒ Fasted 12 hrs ☒ Anesthetized ☐ Other____

PROCEDURE(S) REQUESTED: Bile Acids (pre-prandial, t=0)

SPECIMEN: Serum

RESULTS

to VMTH 3/12

bile acids 13 µmol/L
bile acids post 16 µmol/L
] preliminary via computer 3-22-96 sy

MISCELLANEOUS

White - Animal's Chart Yellow - Laboratory Pink - Requester Goldenrod - Clinical Pathologist

8713, CRCB81
I.D. PROJECT CODE

CALIFORNIA PRIMATE RESEARCH CENTER
MICROBIOLOGY

1999
mcy 25142
ANIMAL I.D.

INVESTIGATOR REQUESTOR

9-12-89
DATE OF SAMPLE

ANIMAL DATA: QU 7 - 1
HOME ROOM CAGE

SEX YR MO AGE KG WEIGHT

PROCEDURE IS: _____ DIAGNOSTIC AID _____ COLONY MANAGEMENT _____ EXPERIMENTAL

CLINICAL SIGNS / PROBLEMS:

PRIOR THERAPY ☐ NO ☐ YES
LIST ALL AGENTS.

HOSPITALIZED NO ☐ YES ☐ ROOM CAGE

SOURCE OF SPECIMEN(S) Rectal

CULTURES REQUESTED	NEGATIVE RESULT	
	NEGATIVE	NO GROWTH
☒ ENTERIC PATHOGENS	✓	
☐ CAMPYLOBACTER		
☐ YERSINIA		
☐ AEROBIC		
☐ ANAEROBIC		
☐ FUNGI		
☐ OTHER, _____		

DIRECT MICROSCOPIC EXAMINATION

ORGANISMS IDENTIFIED

1
2
3
4
5
6
7
8

☐ SENSITIVITY TO ANTIMICROBIAL AGENTS: KIRBY-BAUER

ORGANISM NUMBER	AMIKACIN (AN-30)	AMPICILLIN (AM-10)	AUGMENTIN (AMC-30)	CEFAZOLIN (CZ-30)	CHLORAMPHENICOL (C-30)	ERYTHROMYCIN (E-15)	GENTAMICIN (GM-10)	NALIDIXIC ACID (NA)	NEOMYCIN (N-30)	OXACILLIN (OX-1)	PENICILLIN (P-10)	SULFA TRIMETH (SXT-25)	DOXYCYCLINE (D-30)		

COMMENTS

REPORTED BY

REPORT DATE 9/14/89

CLINICAL MICROBIOLOGY

White - Animal's Chart Yellow - Laboratory Pink - Requestor Goldenrod - Clinical Pathologist

CALIFORNIA PRIMATE RESEARCH CENTER

HEMATOLOGY

3423

8713 / CRB01
I.D. PROJECT CODE

mcyp 25142
ANIMAL I.D.

INVESTIGATOR / REQUESTOR

9-12-89
DATE OF SAMPLE

ANIMAL DATA: QU7 - 1
HOME ROOM CAGE

SEX AGE (YR MO) WEIGHT (KG)

PRODEDURE IS: ____ DIAGNOSTIC AID ____ COLONY MANAGEMENT ____ EXPERIMENTAL

CLINICAL SIGNS / PROBLEMS:

PRIOR THERAPY ☐NO ☐YES
LIST ALL AGENTS:

HOSPITALIZED NO ☐ YES ☐ ____ ____
ROOM CAGE

BLEEDING CONDITIONS: ☐ Squeezed - limb pulled ☐ Caught on run ☐ Fasted ____ hrs ☐ Anesthetized ☐ Other ____

☐ COMPLETE BLOOD COUNT: ELECTRONIC CELL COUNT, SMEAR EVALUATION, PLASMA PROTEIN, FIBRINOGEN

☐ ELECTRONIC CELL COUNT

WBC	10.0	X 10^3 / µl
RBC	5.13	X 10^6 / µl
HEMOGLOBIN	10.3	gm/dl
HEMATOCRIT	35.8	%
MCV	70	fl
MCH	20.1	pg
MCHC	28.8	pg/fl
PLATELETS	3.74	X 10^5 / µl

☐ RETICULOCYTES ____ % ____ X 10^5 / µl

☐ PCV (CENTRIFUGED) ____ %

☐ PLASMA PROTEIN 7.5 gm/dl

PLASMA COLOR:
☐ NO ABNORMALITIES
☒ HEMOLYZED slt.
☐ ICTERIC
☐ LIPEMIC

☐ FIBRINOGEN 100 mg/dl

☐ SMEAR EVALUATION: TOTAL WBC ____ X 10^3/µl
☐ CORRECTED WBC ____ X 10^3/µl

DIFFERENTIAL Available µl

METAMYELOCYTES		
BAND NEUTROPHILS		
SEG. NEUTROPHILS		
LYMPHOCYTES		
MONOCYTES		
EOSINOPHILS		
BASOPHILS		
OTHER		
NRBC/100 WBC		

COMMENTS: ☐ PARTIALLY CLOTTED SAMPLE

PLATELETS
☐ ADEQUATE
☐ DECREASED ☐+1 ☐+2 ☐+3
☐ INCREASED ☐+1 ☐+2 ☐+3
☐ LARGE PLATELETS
☐ CLUMPED

ERYTHROCYTE MORPHOLOGY
☐ ESSENTIALLY NORMAL
☐ HYPOCHROMASIA ☐+1 ☐+2 ☐+3 ☐+4
☐ POLYCHROMASIA ☐+1 ☐+2 ☐+3 ☐+4
☐ LEPTOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
☐ POIKILOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
☐ ANISOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
☐ ROULEAUX ☐+1 ☐+2 ☐+3 ☐+4

REPORTED BY: ____

REPORT DATE: 9/14/89

CLINICAL
White - Animal's Chart Yellow - Laboratory

HEMATOLOGY
Pink - Requestor Goldenrod - Clinical Pathologist

CALIFORNIA PRIMATE RESEARCH CENTER
PHYSICAL EXAM AND EVALUATION/HEALTH CERTIFICATE

SPECIES/ID# MC425142 LOCATION QU7-1 DATE 9/18/89
REASON FOR EXAM: ROUTINE PRE-SHIPMENT (QU SCREEN / N) EXPERIMENTAL
OTHER

ORGAN SYTEMS: NAO=NO ABNORMALITIES OBSERVED A=ABNORMAL NE=NOT EXAMINED							
1. INTEGUMENT	(NAO)	A	NE	6. SPLEEN/L. NODES	(NAO)	A	NE
2. ORAL CAVITY	NAO	(A)	NE	7. RESPIRATORY	(NAO)	A	NE
3. EYES	(NAO)	A	NE	8. DIGESTIVE	(NAO)	A	NE
4. MUSCULOSKELET.	(NAO)	A	NE	9. UROGENITAL	NAO	(A)	NE
5. CIRCULATORY	(NAO)	A	NE	10. OTHER	NAO	A	NE

T° = 99°

FEMORAL VESSELS: Right Ok Left Ok
WEIGHT (kg) 12.6 DATE 9/12/89 CURRENT TB TEST 9/12/89

ABNORMAL FINDINGS:

(9) mucoid vaginal discharge
(8) moderate dental tartar

REPRODUCTIVE EVALUATION

rectal = N

firm uterus

UTERUS: NAO A NE
ADHESIONS: MINOR MODERATE SEVERE
PREGNANCY STATUS:

PREGNANT:
GL (mm)= _____
BPD (mm)= _____
FL (mm)= _____
E/FHR (bpm)= _____
Gest. Age (days) _____

GENDER : M F

NONPREGNANT:
UTERINE SIZE _____
CONTOUR/SHAPE _____

___ REPRODUCTIVELY SOUND ___ AREPRODUCTIVE ___ RE-EVALUATE ___ NOT EVALUATED

COMMENTS:

OVERALL CONDITION: EXCELLENT (GOOD) FAIR POOR

RECOMMENDATION: I CERTIFY TO THE BEST OF MY KNOWLEDGE THAT THIS ANIMAL HAS BEEN EXAMINED AND IS :

___ SATISFACTORY FOR SHIPMENT COMMENT:
___ SATISFACTORY FOR PROJECT COMMENT:
✓ OTHER COMMENT: anemia

DATE: 9/15/89 **EXAMINING VETERINARIAN:** _____

1860

CALIFORNIA PRIMATE RESEARCH CENTER

HEMATOLOGY

688M / DRB50
I.D. PROJECT CODE

MCY 25142
ANIMAL I.D.

04/24/92
DATE OF SAMPLE

INVESTIGATOR REQUESTOR

ANIMAL DATA: SW1604 — 35
HOME ROOM CAGE

F SEX | 9 YR 7 MO AGE | 3.46 KG WEIGHT

PRODEDURE IS: ____ DIAGNOSTIC AID ____ COLONY MANAGEMENT XX EXPERIMENTAL

CLINICAL SIGNS / PROBLEMS:
Pre-surgery evaluation

HOSPITALIZED NO ☒ YES ☐ ____ ROOM ____ CAGE

PRIOR THERAPY ☒ NO ☐ YES
LIST ALL AGENTS:

BLEEDING CONDITIONS: ☒ Squeezed - limb pulled ☐ Caught on run ☐ Fasted ____ hrs ☐ Anesthetized ☐ Other ____

☒ COMPLETE BLOOD COUNT: ELECTRONIC CELL COUNT, SMEAR EVALUATION, PLASMA PROTEIN, FIBRINOGEN

☐ ELECTRONIC CELL COUNT

WBC	8.5	X 10^3 / µl
RBC	4.55	X 10^6 / µl
HEMOGLOBIN	9.3	gm/dl
HEMATOCRIT	30.8	%
MCV	68	fl
MCH	20.4	pg
MCHC	30.2	pg/fl
PLATELETS	2.99	X 10^5 / µl

☐ RETICULOCYTES ____ % ____ X 10^5 / µl

☐ PCV (CENTRIFUGED) ____ %

☐ PLASMA PROTEIN 7.5 gm/dl

PLASMA COLOR:
☒ NO ABNORMALITIES
☐ HEMOLYZED
☐ ICTERIC
☐ LIPEMIC

☐ FIBRINOGEN 200 mg/dl

☐ SMEAR EVALUATION: TOTAL WBC 8.5 X 10^3/µl
☐ CORRECTED WBC ____ X 10^3/µl

DIFFERENTIAL	%	/ µl
METAMYELOCYTES		
BAND NEUTROPHILS		
SEG. NEUTROPHILS	37	3145
LYMPHOCYTES	57	4845
MONOCYTES	4	340
EOSINOPHILS	2	170
BASOPHILS		
OTHER		
NRBC/100 WBC		

COMMENTS: ☐ PARTIALLY CLOTTED SAMPLE

PLATELETS
☒ ADEQUATE
☐ DECREASED ☐ +1 ☐ +2 ☐ +3
☐ INCREASED ☐ +1 ☐ +2 ☐ +3
☐ LARGE PLATELETS
☐ CLUMPED

ERYTHROCYTE MORPHOLOGY
☐ ESSENTIALLY NORMAL
☐ HYPOCHROMASIA ☒ +1 ☐ +2 ☐ +3 ☐ +4
☐ POLYCHROMASIA ☐ +1 ☐ +2 ☐ +3 ☐ +4
☐ LEPTOCYTOSIS ☐ +1 ☐ +2 ☐ +3 ☐ +4
☐ POIKILOCYTOSIS ☐ +1 ☐ +2 ☐ +3 ☐ +4
☐ ANISOCYTOSIS ☐ +1 ☐ +2 ☐ +3 ☐ +4
☐ ROULEAUX ☐ +1 ☐ +2 ☐ +3 ☐ +4

REPORTED BY: ____

REPORT DATE: 4-26-92

CLINICAL HEMATOLOGY
White - Animal's Chart Yellow - Laboratory Pink - Requestor Goldenrod - Clinical Pathologist

CALIFORNIA PRIMATE RESEARCH CENTER

INTERVENTION /SURGERY

DATA SERVICES USE ONLY: E | V | FORM 056 | SEQUENCE

ANIMAL: SP MCN | ID# 25148

DATE OF EVENT: MO. 4 | DAY 26 | YR 92

PROCEDURE: Embryotomy

REQUESTOR:

INVESTIGATOR:

☐ HEALTH CARE Charge to Center

☑ EXPERIMENTAL Charge to ID# Work Order# 4221

ROOM: 1604

CAGE: 35

PROJECT: DRB50

AGE:

SEX: F

WT. 3.09 KG

LINE	SNOMED CODES										CODED BY: JEU	SNOMED TERMS (OPTIONAL)
01	T-	8	2	0	0	0	P-	1	0	0	0	excision uterus
02	T-	8	9	0	1	0	P-	1	1	0	0	excision embryo
03	T-						P-					

DESCRIPTION OF PROCEDURES PERFORMED

Ventral midline abdominal incision. Exteriorize uterus. uterotomy incision central fundal longitudinal Dissect out embryo membrane intact. Close uterus inner myometrial and outer seroidal 4-0 vicryl. Close abdomen 2-0 vicryl Combination of simple interrupted + simple continuous SC 4-0 continuous. Skin 5-0 subcuticular.

ANESTHETICS, IV FLUIDS, CONCURRENT MEDICATION

	SUBSTANCE	DOSE	UNITS	TOTAL	ROUTE
1	AM/ Ket / Isoflurane				
2	Buprenex & Carprofen				
3					
4					

POSTOPERATIVE CARE AND CONDITION

TIME IN:

TIME OUT:

Observation TID for 2 days

SURGEON: ASSISTANT: ANESTHETIST:

791003.01

CALIFORNIA PRIMATE RESEARCH CENTER

HEMATOLOGY

688M / DRB50
I.D. PROJECT CODE

MCY 25142
ANIMAL I.D.

INVESTIGATOR / REQUESTOR

4/9/92
DATE OF SAMPLE

ANIMAL DATA: SW1604 _ 35
HOME ROOM CAGE

F SEX | 9 YR 7 MO AGE | 3.47 KG WEIGHT

PRODEDURE IS: ____ DIAGNOSTIC AID ____ COLONY MANAGEMENT _X_ EXPERIMENTAL

CLINICAL SIGNS / PROBLEMS:

STAT CBC BY 12 PM

HOSPITALIZED NO [X] YES [ ] ____ ROOM ____ CAGE

PRIOR THERAPY [X] NO [ ] YES
LIST ALL AGENTS:

BLEEDING CONDITIONS: [X] Squeezed - limb pulled [ ] Caught on run [ ] Fasted ____ hrs [ ] Anesthetized [ ] Other ____

[X] COMPLETE BLOOD COUNT: ELECTRONIC CELL COUNT, SMEAR EVALUATION, PLASMA PROTEIN, FIBRINOGEN

[ ] ELECTRONIC CELL COUNT

WBC	8.5 (11.9)	7.6	X 10^3 / µl
RBC	4.55	6.03	X 10^6 / µl
HEMOGLOBIN	9.3	12.0	gm/dl
HEMATOCRIT	30.8	39.3	%
MCV	68	65	fl
MCH	20.4	19.9	pg
MCHC	30.2	30.5	pg/fl
PLATELETS	2.99	3.35	X 10^5 / µl

[ ] RETICULOCYTES ____ % ____ X 10^5 / µl

[ ] PCV (CENTRIFUGED) ____ %

[ ] PLASMA PROTEIN 7.5 7.6 gm/dl

PLASMA COLOR:
- [X] NO ABNORMALITIES
- [ ] HEMOLYZED
- [ ] ICTERIC
- [ ] LIPEMIC

[ ] FIBRINOGEN 200 (VD) mg/dl

[ ] SMEAR EVALUATION: TOTAL WBC 7.6 X 10^3/µl
[ ] CORRECTED WBC ____ X 10^3/µl

DIFFERENTIAL	%	/ µl
METAMYELOCYTES		
BAND NEUTROPHILS		
SEG. NEUTROPHILS	38	2888
LYMPHOCYTES	54	4104
MONOCYTES	2	152
EOSINOPHILS	6	456
BASOPHILS		
OTHER		
NRBC/100 WBC		

COMMENTS: [ ] PARTIALLY CLOTTED SAMPLE

PLATELETS
- [X] ADEQUATE
- [ ] DECREASED [ ]+1 [ ]+2 [ ]+3
- [ ] INCREASED [ ]+1 [ ]+2 [ ]+3
- [ ] LARGE PLATELETS
- [ ] CLUMPED

ERYTHROCYTE MORPHOLOGY
- [X] ESSENTIALLY NORMAL
- [ ] HYPOCHROMASIA [ ]+1 [ ]+2 [ ]+3 [ ]+4
- [ ] POLYCHROMASIA [ ]+1 [ ]+2 [ ]+3 [ ]+4
- [ ] LEPTOCYTOSIS [ ]+1 [ ]+2 [ ]+3 [ ]+4
- [ ] POIKILOCYTOSIS [ ]+1 [ ]+2 [ ]+3 [ ]+4
- [ ] ANISOCYTOSIS [ ]+1 [ ]+2 [ ]+3 [ ]+4
- [ ] ROULEAUX [ ]+1 [ ]+2 [ ]+3 [ ]+4

REPORTED BY: ____

REPORT DATE: 4-9-92

CLINICAL
White - Animal's Chart Yellow - Laboratory

HEMATOLOGY
Pink - Requestor Goldenrod - Clinical Pathologist

8713, CRX01
I.D. PROJECT CODE

CALIFORNIA PRIMATE RESEARCH CENTER
MICROBIOLOGY

MCY 25142
ANIMAL I.D.

4/20/92
DATE OF SAMPLE

INVESTIGATOR REQUESTOR

ANIMAL DATA: 1604 - 56
HOME ROOM CAGE

F SEX | 9 YR 7 MO AGE | 3.46 KG WEIGHT

PROCEDURE IS: ____ DIAGNOSTIC AID X COLONY MANAGEMENT ____ EXPERIMENTAL

CLINICAL SIGNS / PROBLEMS:
Dam of prewean

HOSPITALIZED NO ☐ YES ☐ ____ ROOM ____ CAGE

PRIOR THERAPY ☐ NO ☐ YES
LIST ALL AGENTS:

SOURCE OF SPECIMEN(S)

CULTURES REQUESTED	NEGATIVE RESULT	
	NEGATIVE	NO GROWTH
☐ ENTERIC PATHOGENS	✓	
☐ CAMPYLOBACTER	✓	
☐ YERSINIA		
☐ AEROBIC		
☐ ANAEROBIC		
☐ FUNGI		
☐ OTHER, ____		

DIRECT MICROSCOPIC EXAMINATION

ORGANISMS IDENTIFIED

1.
2.
3.
4
5
6.
7
8

☐ SENSITIVITY TO ANTIMICROBIAL AGENTS: KIRBY-BAUER

ORGANISM NUMBER	AMIKACIN (AN 30)	AMPICILLIN (AM 10)	AUGMENTIN (AMC 30)	CEFAZOLIN (CZ 30)	CHLORAMPHENICOL (C 30)	ERYTHROMYCIN (E 15)	GENTAMICIN (GM 10)	NALIDIXIC ACID (NA)	NEOMYCIN (N 30)	OXACILLIN (OX 1)	PENICILLIN (P 10)	SULFA-TRIMETH (SXT 25)	DOXYCYCLINE (D 30)		

COMMENTS:

REPORTED BY: ____

REPORT DATE 4/23/9

CLINICAL MICROBIOLOGY

White - Animal's Chart Yellow - Laboratory Pink - Requestor Goldenrod - Clinical Pathologist

MALARIA TREATMENT SCHEDULE

ANIMAL NUMBER: MLy 25142
LOCATION: ABL 40
WEIGHT: 2.83

1/22/90, 9:00 am	CHLOROQUINE 10 mg/kg PRIMAQUINE 0.3 mg/kg
1/2290, 1:30 pm	CHLOROQUINE 5 mg/kg
1/23 1/24/90, 1:30 pm	CHLOROQUINE 5 mg/kg PRIMAQUINE 0.3 mg/kg
1/25 - 1/4/90, 1:30 pm	PRIMAQUINE 0.3 mg/kg

All treatments administered by nasogastric intubation

TREATMENTS ADMINISTERED BY:

_____

_____

_____

4450

CALIFORNIA PRIMATE RESEARCH CENTER

HEMATOLOGY

8713 / CRX01
I.D. PROJECT CODE

mcp 25142
ANIMAL I.D.

INVESTIGATOR REQUESTOR

12-7-89
DATE OF SAMPLE

ANIMAL DATA: AB1-40 / GH 3 - 1
HOME ROOM CAGE

F SEX | 7 YR 3 MO AGE | 3.0 KG WEIGHT

PRODEDURE IS: _____ DIAGNOSTIC AID _____ COLONY MANAGEMENT _____ EXPERIMENTAL

CLINICAL SIGNS / PROBLEMS:

PRIOR THERAPY ☐NO ☐YES
LIST ALL AGENTS:

HOSPITALIZED NO ☐ YES ☐ _____ ROOM _____ CAGE

BLEEDING CONDITIONS: ☐ Squeezed - limb pulled ☐ Caught on run ☐ Fasted _____ hrs ☐ Anesthetized ☐ Other _____

☐ COMPLETE BLOOD COUNT: ELECTRONIC CELL COUNT, SMEAR EVALUATION, PLASMA PROTEIN, FIBRINOGEN

☒ ELECTRONIC CELL COUNT

WBC	9.5	X 10^3 / µl
RBC	5.92	X 10^6 / µl
HEMOGLOBIN	11.7	gm/dl
HEMATOCRIT	40 3	%
MCV	68	fl
MCH	198	pg
MCHC	29.0	pg/fl
PLATELETS	420	X 10^5 / µl

☐ RETICULOCYTES _____ % _____ X 10^5 / µl

☐ PCV (CENTRIFUGED) _____ %

☐ PLASMA PROTEIN _____ gm/dl

PLASMA COLOR:
- ☐ NO ABNORMALITIES
- ☐ HEMOLYZED
- ☐ ICTERIC
- ☐ LIPEMIC

☐ FIBRINOGEN _____ mg/dl

☐ SMEAR EVALUATION: TOTAL WBC _____ X 10^3/µl
☐ CORRECTED WBC _____ X 10^3/µl

DIFFERENTIAL	%	/ µl
METAMYELOCYTES		
BAND NEUTROPHILS		
SEG. NEUTROPHILS		
LYMPHOCYTES		
MONOCYTES		
EOSINOPHILS		
BASOPHILS		
OTHER		
NRBC/100 WBC		

PLATELETS
- ☐ ADEQUATE
- ☐ DECREASED ☐+1 ☐+2 ☐+3
- ☐ INCREASED ☐+1 ☐+2 ☐+3
- ☐ LARGE PLATELETS
- ☐ CLUMPED

ERYTHROCYTE MORPHOLOGY
- ☐ ESSENTIALLY NORMAL
- ☐ HYPOCHROMASIA ☐+1 ☐+2 ☐+3 ☐+4
- ☐ POLYCHROMASIA ☐+1 ☐+2 ☐+3 ☐+4
- ☐ LEPTOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
- ☐ POIKILOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
- ☐ ANISOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
- ☐ ROULEAUX ☐+1 ☐+2 ☐+3 ☐+4

COMMENTS: ☐ PARTIALLY CLOTTED SAMPLE

REPORTED BY: _____

REPORT DATE: 12/7/89

CLINICAL HEMATOLOGY
White - Animal's Chart Yellow - Laboratory Pink - Requestor Goldenrod - Clinical Pathologist

CALIFORNIA PRIMATE RESEARCH CENTER
PHYSICAL EXAM AND EVALUATION/HEALTH CERTIFICATE

SPECIES/ID# mc/25142 LOCATION Qu. 2-14 DATE 12/7/89
REASON FOR EXAM: ROUTINE PRE-SHIPMENT QU SCREEN EXPERIMENTAL
OTHER out

ORGAN SYSTEMS:	NAO=NO ABNORMALITIES OBSERVED	A=ABNORMAL	NE=NOT EXAMINED			
1. INTEGUMENT	(NAO)	A	NE	6. SPLEEN/L. NODES	(NAO)	A	NE
2. ORAL CAVITY	(NAO)	A	NE	7. RESPIRATORY	(NAO)	A	NE
3. EYES	(NAO)	A	NE	8. DIGESTIVE	(NAO)	A	NE
4. MUSCULOSKELET.	(NAO)	A	NE	9. UROGENITAL	(NAO)	A	NE
5. CIRCULATORY	(NAO)	A	NE	10. OTHER	(NAO)	A	NE

FEMORAL VESSELS: Right Okay Left Okay
WEIGHT (kg) 2.9 DATE 12/7/89 CURRENT TB TEST 11/20/89
ABNORMAL FINDINGS: 1) Very prominent ventral proximal tail swelling consistent with sexual maturity.

REPRODUCTIVE EVALUATION

See U/S.

UTERUS: NAO A NE
ADHESIONS: MINOR MODERATE SEVERE
PREGNANCY STATUS:

PREGNANT:	NONPREGNANT:
GL (mm)= _____	UTERINE SIZE
BPD (mm)= _____	_____
FL (mm)= _____	CONTOUR/SHAPE
E/FHR (bpm)= _____	_____
Gest. Age (days) ____	_____
GENDER : M F	

___ REPRODUCTIVELY SOUND ___ AREPRODUCTIVE ___ RE-EVALUATE ___ NOT EVALUATED

COMMENTS:

OVERALL CONDITION: EXCELLENT (GOOD) FAIR POOR

RECOMMENDATION: I CERTIFY TO THE BEST OF MY KNOWLEDGE THAT THIS ANIMAL HAS BEEN EXAMINED AND IS :

___	SATISFACTORY FOR SHIPMENT	COMMENT:
___	SATISFACTORY FOR PROJECT	COMMENT:
X	OTHER	COMMENT: OK for Qu Screen out.

DATE: 12/7/89 EXAMINING VETERINARIAN: _____

8713, ORX01
I.D. PROJECT CODE

CALIFORNIA PRIMATE RESEARCH CENTER
RADIOLOGY

may 25142
ANIMAL I.D.

12-7-89
DATE OF EXAM

INVESTIGATOR REQUESTOR

ANIMAL DATA: QU 7 - 1
HOMEROOM CAGE

F SEX | 7 YR 3 MO AGE | 3.0 KG WEIGHT

HOSPITAL ROOM CAGE

PROCEDURE IS: ____DIAGNOSTIC AID ____COLONY MANAGEMENT ____EXPERIMENTAL

TENT. DIAGNOSIS:

HISTORY: Gllcanture Screen out

SPECIAL PROCEDURES:

Previous radiographs: ☐ Yes ☒ No

Investigator: _____

Technique: ☒ Vertical ☐ Table Top ☐ Bucky

Film Type: ~~Non Screen~~

Total No. Films: 2

Repeat studies required

at _____ days/weeks/months

	cm	ma	time	kvp
Lat.	7	300	1/60	68
VD	7	5	1	60

RADIOGRAPHIC INTERPRETATION:

NSF

CONCLUSIONS:

ok for Screen out

EXAM REQUESTED

Head
- ☐ nasal cavity
- ☐ teeth upper ☐ R ☐ lower ☐ L ☐
- ☐ mandible R ☐ L ☐
- ☐ maxilla R ☐ L ☐
- ☐ skull - routine

Neck
- ☐ cervical spine
- ☐ soft tissues

Thorax
- ☒ ~~routine~~
- ☐ thoracic vertebra
- ☐ esophagus
- ☐ thoracic inlet

Abdomen
- ☐ routine
- ☐ obstruction series
- ☐ liver
- ☐ intestinal tract
- ☐ kidney, ureter bladder
- ☐ uterus
- ☐ prostate
- ☐ lumbar vertebra
- ☐ sacral vertebra
- ☐ coccygeal vertebra
- ☐ I.U.
- ☐ cystography
- ☐ upper g.i.
- ☐ lower g.i.
- ☐ myelogram

Arm
- ☐ shoulder
- ☐ R ☐ humerus
- ☐ elbow joint
- ☐ L ☐ radius-ulna
- ☐ carpal joints
- ☐ hand

Leg
- ☐ pelvis
- ☐ R ☐ hip joint
- ☐ femur
- ☐ L ☐ knee joint
- ☐ tibia-fibula
- ☐ tarsal joints
- ☐ foot

Ultrasound ☐

Other: (Specify)

REPORTED BY _____

REPORT DATE: 12/7/89

CLINICAL RADIOLOGY

CALIFORNIA PRIMATE RESEARCH CENTER
SONOGRAPHIC REPRODUCTIVE EVALUATION

Animal # MM25142 Age Date 12/7/89

History:

S/O - NEW ACQUISITION

9/18/89 (S/E) - FIRM UTERUS; MUCOID VAG. DISCHG. NOTED.

Total Uterine Length (mm) 53 Uterine Body (mm) L 34 W 18 H 17

Shape (N) Contour (N) Position (N)

Texture HOMOGENOUS

Uterine/Endometrial Cavity Echo: (Present) Absent Endometrium (mm) 4

Poor definition of pelvic structures: Yes (No)

Localized areas of (increased)/decreased echogenicity Location: ENDO. MYO

COMMENTS: PROMINENT (L) OVARY

NSF

PELVIC MASS

Location and Size: Unilateral - adnexal uterine _____ mm

Bilateral - uterine extrauterine indeterminate

Internal Consistency: Cystic - homogeneous septated solid foci multiple

Complex - predominantly cystic predominantly solid

Solid - mildly echogenic moderately echog. markedly

Borders: Well-defined Mod. well-defined Poorly defined

COMMENTS:

PHOTOS (#) _____ DS P VIDEOTAPED

CALIFORNIA PRIMATE RESEARCH CENTER
PHYSICAL EXAM AND EVALUATION/HEALTH CERTIFICATE

SPECIES/ID# MM 25142 LOCATION SW1604-35 DATE 7/28/93
REASON FOR EXAM: ROUTINE (PRE-SHIPMENT) QU SCREEN EXPERIMENTAL
OTHER

ORGAN SYTEMS:	NAO=NO ABNORMALITIES OBSERVED	A=ABNORMAL	NE=NOT EXAMINED			
1. INTEGUMENT	(NAO)	A	NE	6. SPLEEN/L. NODES	(NAO)	A	NE
2. ORAL CAVITY	(NAO)	A	NE	7. RESPIRATORY	(NAO)	A	NE
3. EYES	(NAO)	A	NE	8. DIGESTIVE	(NAO)	A	NE
4. MUSCULOSKELET.	(NAO)	A	NE	9. UROGENITAL	(NAO)	A	NE
5. CIRCULATORY	(NAO)	A	NE	10. OTHER	NAO	A	NE

FEMORAL VESSELS: Right OK Left ✓
WEIGHT (kg) 3.87 DATE 7-19-93 CURRENT TB TEST 5-17-93
ABNORMAL FINDINGS:

REPRODUCTIVE EVALUATION

UTERUS: NAO A NE
ADHESIONS: MINOR MODERATE SEVERE
PREGNANCY STATUS:

PREGNANT:	NONPREGNANT:
GL (mm)= _____	UTERINE SIZE
BPD (mm)= _____	_____
FL (mm)= _____	CONTOUR/SHAPE
E/FHR (bpm)= _____	_____
Gest. Age (days) _____	_____
GENDER : M F	

___ REPRODUCTIVELY SOUND ___ AREPRODUCTIVE ___ RE-EVALUATE ✓ NOT EVALUATED
COMMENTS:

OVERALL CONDITION: (EXCELLENT) GOOD FAIR POOR

RECOMMENDATION: I CERTIFY TO THE BEST OF MY KNOWLEDGE THAT THIS ANIMAL HAS BEEN EXAMINED AND IS :

___	SATISFACTORY FOR SHIPMENT	COMMENT:
✓	SATISFACTORY FOR PROJECT	COMMENT:
___	OTHER	COMMENT:

DATE: 7-28-93 **EXAMINING VETERINARIAN:**

CALIFORNIA PRIMATE RESEARCH CENTER

HEMATOLOGY

673M, TU504
I.D. PROJECT CODE

MC425142
ANIMAL I.D.

INVESTIGATOR REQUESTOR

4/22/93
DATE OF SAMPLE

ANIMAL DATA: 1604 - 35
HOME ROOM CAGE

F
SEX

YR MO
AGE

KG
WEIGHT

PRODEDURE IS: ____ DIAGNOSTIC AID ____ COLONY MANAGEMENT ✓ EXPERIMENTAL

CLINICAL SIGNS / PROBLEMS: pre-SX

PRIOR THERAPY ☐NO ☐YES
LIST ALL AGENTS:

HOSPITALIZED NO ☒ YES ☐ ____ ROOM ____ CAGE

BLEEDING CONDITIONS: ☐ Squeezed - limb pulled ☐ Caught on run ☐ Fasted ____ hrs ☒ Anesthetized ☐ Other ____

☐ COMPLETE BLOOD COUNT: ELECTRONIC CELL COUNT, SMEAR EVALUATION, PLASMA PROTEIN, FIBRINOGEN

☒ ELECTRONIC CELL COUNT

WBC	6.6	X 10^3 / µl
RBC	5.60	X 10^6 / µl
HEMOGLOBIN	11.6	gm/dl
HEMATOCRIT	37.0	%
MCV	66	fl
MCH	20.7	pg
MCHC	31.4	pg/fl
PLATELETS	3.94	X 10^5 / µl

☐ RETICULOCYTES % ____ X 10^5 / µl

☐ PCV (CENTRIFUGED) %

☒ PLASMA PROTEIN 6.7 gm/dl

PLASMA COLOR:
- ☒ NO ABNORMALITIES
- ☐ HEMOLYZED
- ☐ ICTERIC
- ☐ LIPEMIC

☐ FIBRINOGEN mg/dl

☐ SMEAR EVALUATION: TOTAL WBC ____ X 10^3/µl
☐ CORRECTED WBC ____ X 10^3/µl

DIFFERENTIAL	%	/ µl
METAMYELOCYTES		
BAND NEUTROPHILS		
SEG. NEUTROPHILS		
LYMPHOCYTES		
MONOCYTES		
EOSINOPHILS		
BASOPHILS		
OTHER		
NRBC/100 WBC		

PLATELETS
- ☐ ADEQUATE
- ☐ DECREASED ☐+1 ☐+2 ☐+3
- ☐ INCREASED ☐+1 ☐+2 ☐+3
- ☐ LARGE PLATELETS
- ☐ CLUMPED

ERYTHROCYTE MORPHOLOGY
- ☐ ESSENTIALLY NORMAL
- ☐ HYPOCHROMASIA ☐+1 ☐+2 ☐+3 ☐+4
- ☐ POLYCHROMASIA ☐+1 ☐+2 ☐+3 ☐+4
- ☐ LEPTOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
- ☐ POIKILOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
- ☐ ANISOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
- ☐ ROULEAUX ☐+1 ☐+2 ☐+3 ☐+4

COMMENTS: ☐ PARTIALLY CLOTTED SAMPLE

REPORTED BY: ____

REPORT DATE: 4/22/93

CLINICAL
White - Animal's Chart Yellow - Laboratory

HEMATOLOGY
Pink - Requestor Goldenrod - Clinical Pathologist

1872

673M , TU504
I.D. PROJECT CODE

CALIFORNIA PRIMATE RESEARCH CENTER

HEMATOLOGY

MCY 25142
ANIMAL I.D.

4/12/93
DATE OF SAMPLE

INVESTIGATOR REQUESTOR

ANIMAL DATA: 1604 - 35
HOME ROOM CAGE

F SEX | 10 YR 7 MO AGE | 4.68 KG WEIGHT

PRODEDURE IS: ____ DIAGNOSTIC AID ____ COLONY MANAGEMENT ✓ EXPERIMENTAL

CLINICAL SIGNS / PROBLEMS:

PRIOR THERAPY ☒ NO ☐ YES
LIST ALL AGENTS:

HOSPITALIZED NO ☒ YES ☐ ____ ROOM ____ CAGE

BLEEDING CONDITIONS: ☐ Squeezed - limb pulled ☐ Caught on run ☐ Fasted ____ hrs ☒ Anesthetized ☐ Other ____

☒ COMPLETE BLOOD COUNT: ELECTRONIC CELL COUNT, SMEAR EVALUATION, PLASMA PROTEIN, FIBRINOGEN

☐ ELECTRONIC CELL COUNT

WBC	4.0	X 10^3 / µl
RBC	5.93	X 10^6 / µl
HEMOGLOBIN	12.3	gm/dl
HEMATOCRIT	38.5	%
MCV	65	fl
MCH	20.7	pg
MCHC	31.9	pg/fl
PLATELETS	3.74	X 10^5 / µl

☐ RETICULOCYTES ____ % ____ X 10^5 / µl

☐ PCV (CENTRIFUGED) ____ %

☐ PLASMA PROTEIN 6.8 gm/dl

PLASMA COLOR:
- ☐ NO ABNORMALITIES
- ☒ HEMOLYZED sl
- ☐ ICTERIC
- ☐ LIPEMIC

☐ FIBRINOGEN 100 mg/dl

☐ SMEAR EVALUATION: TOTAL WBC 4.0 X 10^3/µl
☐ CORRECTED WBC ____ X 10^3/µl

DIFFERENTIAL	%	/ µl
METAMYELOCYTES		
BAND NEUTROPHILS		
SEG. NEUTROPHILS	71	2840
LYMPHOCYTES	14	560
MONOCYTES	9	360
EOSINOPHILS	2	80
BASOPHILS	4	160
OTHER		
NRBC/100 WBC		

COMMENTS: ☐ PARTIALLY CLOTTED SAMPLE

PLATELETS
- ☒ ADEQUATE
- ☐ DECREASED ☐ +1 ☐ +2 ☐ +3
- ☐ INCREASED ☐ +1 ☐ +2 ☐ +3
- ☐ LARGE PLATELETS
- ☐ CLUMPED

ERYTHROCYTE MORPHOLOGY
- ☒ ESSENTIALLY NORMAL
- ☐ HYPOCHROMASIA ☐ +1 ☐ +2 ☐ +3 ☐ +4
- ☐ POLYCHROMASIA ☐ +1 ☐ +2 ☐ +3 ☐ +4
- ☐ LEPTOCYTOSIS ☐ +1 ☐ +2 ☐ +3 ☐ +4
- ☐ POIKILOCYTOSIS ☐ +1 ☐ +2 ☐ +3 ☐ +4
- ☐ ANISOCYTOSIS ☐ +1 ☐ +2 ☐ +3 ☐ +4
- ☐ ROULEAUX ☐ +1 ☐ +2 ☐ +3 ☐ +4

REPORTED BY ____

REPORT DATE: 4/19/93

CLINICAL
White - Animal's Chart Yellow - Laboratory

HEMATOLOGY
Pink - Requestor Goldenrod - Clinical Pathologist

CALIFORNIA PRIMATE RESEARCH CENTER

INTERVENTION /SURGERY

DATA SERVICES USE ONLY: E | V | FORM: 056 | SEQUENCE

ANIMAL: SP: MCM | ID#: 25714

DATE OF EVENT: MO. 4 | DAY 02 | YR 93

PROCEDURE: C-section

REQUESTOR:

INVESTIGATOR:

☐ HEALTH CARE Charge to Center

☑ EXPERIMENTAL Charge to ID# 0073M Work Order# 5079

ROOM: 1604

CAGE: 35

PROJECT: TV504

AGE:

SEX: F

WT. KG

LINE	SNOMED CODES		SNOMED TERMS (OPTIONAL)
01	T- P- 10410	CODED BY: TFM	Cesarean section classical
02	T- P-		
03	T- P-		

DESCRIPTION OF PROCEDURES PERFORMED

Ventral midline abdominal incision. Extensive uterus. Uterine incision caudal ventral horizontal. Deliver live infant. Clear uterus, suction mouth & other secretions. Close uterus 4-0 vicryl. Close abdomen 2-0 vicryl simple continuous. Close SC & skin subcuticular

ANESTHETICS, IV FLUIDS, CONCURRENT MEDICATION

	SUBSTANCE	DOSE	UNITS	TOTAL	ROUTE
1	Atro / ket / Halothane - N2O				
2					
3					
4					

POSTOPERATIVE CARE AND CONDITION

TIME IN:

TIME OUT:

Oxymorphone TID for 2 days

SURGEON: ASSISTANT: ANESTHETIST:

[redacted]

791003.01

1541

673M , TUS04
I.D. PROJECT CODE

CALIFORNIA PRIMATE RESEARCH CENTER

HEMATOLOGY

MCY 25142
ANIMAL I.D.

3/23/93
DATE OF SAMPLE

INVESTIGATOR / REQUESTOR

ANIMAL DATA: 1604 -35
HOME ROOM CAGE

F SEX | 10 YR 6 MO AGE | 3.9 KG WEIGHT

PRODEDURE IS: ____ DIAGNOSTIC AID ____ COLONY MANAGEMENT ✓ EXPERIMENTAL

CLINICAL SIGNS / PROBLEMS:

PRIOR THERAPY ☒NO ☐YES
LIST ALL AGENTS:

HOSPITALIZED NO ☒ YES ☐ ____ ROOM ____ CAGE

BLEEDING CONDITIONS: ☐ Squeezed - limb pulled ☐ Caught on run ☐ Fasted ____ hrs ☒ Anesthetized ☐ Other ____

☒ COMPLETE BLOOD COUNT: ELECTRONIC CELL COUNT, SMEAR EVALUATION, PLASMA PROTEIN, FIBRINOGEN

☐ ELECTRONIC CELL COUNT

WBC	3.1	X 10^3 / µl
RBC	6.09	X 10^6 / µl
HEMOGLOBIN	12.6	gm/dl
HEMATOCRIT	39.8	%
MCV	65	fl
MCH	20.7	pg
MCHC	31.7	pg/fl
PLATELETS	3.62	X 10^5 / µl

☐ RETICULOCYTES ____ % ____ X 10^5 / µl

☐ PCV (CENTRIFUGED) ____ %

☐ PLASMA PROTEIN 6.6 gm/dl

PLASMA COLOR:
☐ NO ABNORMALITIES
☒ HEMOLYZED slight
☐ ICTERIC
☐ LIPEMIC

☐ FIBRINOGEN 100 mg/dl

☐ SMEAR EVALUATION: TOTAL WBC 3.1 X 10^3/µl
☐ CORRECTED WBC ____ X 10^3/µl

DIFFERENTIAL	%	/ µl
METAMYELOCYTES		
BAND NEUTROPHILS		
SEG. NEUTROPHILS	32	992
LYMPHOCYTES	66	2046
MONOCYTES		
EOSINOPHILS	2	62
BASOPHILS		
OTHER		
NRBC/100 WBC		

PLATELETS
☒ ADEQUATE
☐ DECREASED ☐+1 ☐+2 ☐+3
☐ INCREASED ☐+1 ☐+2 ☐+3
☐ LARGE PLATELETS
☐ CLUMPED

ERYTHROCYTE MORPHOLOGY
☒ ESSENTIALLY NORMAL
☐ HYPOCHROMASIA ☐+1 ☐+2 ☐+3 ☐+4
☐ POLYCHROMASIA ☐+1 ☐+2 ☐+3 ☐+4
☐ LEPTOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
☐ POIKILOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
☐ ANISOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
☐ ROULEAUX ☐+1 ☐+2 ☐+3 ☐+4

COMMENTS: ☐ PARTIALLY CLOTTED SAMPLE

REPORTED BY: ____

REPORT DATE: 4-1-93

CLINICAL HEMATOLOGY
White - Animal's Chart Yellow - Laboratory Pink - Requestor Goldenrod - Clinical Pathologist

PROJECT ASSIGNMENT

TUS04

Animal #: MCY 25142 Room-cage: 1604-35

Date assigned: 12/11/92 Date removed from study: 4/26/93

Days during gestation of chair restraint or hand-held (December 1992 - April 1993):

December 1992: 14-18, 21-23, 28-30
January 1993: 4, 6, 8, 11, 13, 15, 18, 20, 29
February 1993: 5, 12, 19, 26
March 1993: 5, 12, 19, 26
April 1993: 2, 9, 16, 25

Date of cesarean-section: April 23, 1993 (GD 152)

NOTE:
NO KETAMINE OR INTERVENTIONS (i.e. drug treatment)
WHILE ON STUDY.

2465

I.D. CRB01 PROJECT CODE

CALIFORNIA PRIMATE RESEARCH CENTER

HEMATOLOGY

ANIMAL I.D. Mmmm May 25142

INVESTIGATOR REQUESTOR

DATE OF SAMPLE 5/26/92

ANIMAL DATA: 1604 -35 HOME ROOM CAGE

F SEX | 9 YR 9 MO AGE | 3.1 KG WEIGHT

PRODEDURE IS: X DIAGNOSTIC AID ____ COLONY MANAGEMENT ____ EXPERIMENTAL

CLINICAL SIGNS / PROBLEMS:

PRIOR THERAPY ☐NO ☐YES
LIST ALL AGENTS:

HOSPITALIZED NO X YES ☐ ____ ROOM ____ CAGE

BLEEDING CONDITIONS: X Squeezed - limb pulled ☐ Caught on run ☐ Fasted ____ hrs ☐ Anesthetized ☐ Other ____

☐ COMPLETE BLOOD COUNT: ELECTRONIC CELL COUNT, SMEAR EVALUATION, PLASMA PROTEIN, FIBRINOGEN

X ELECTRONIC CELL COUNT

WBC	5.7	X 10^3/µl
RBC	6.91	X 10^6/µl
HEMOGLOBIN	13.5	gm/dl
HEMATOCRIT	45.5	%
MCV	66	fl
MCH	19.5	pg
MCHC	29.7	pg/fl
PLATELETS	3.16	X 10^5/µl

☐ RETICULOCYTES ____ % ____ X 10^5/µl

☐ PCV (CENTRIFUGED) ____ %

☐ PLASMA PROTEIN ____ gm/dl

PLASMA COLOR:
- ☐ NO ABNORMALITIES
- ☐ HEMOLYZED
- ☐ ICTERIC
- ☐ LIPEMIC

☐ FIBRINOGEN ____ mg/dl

☐ SMEAR EVALUATION: TOTAL WBC ____ X 10^3/µl
☐ CORRECTED WBC ____ X 10^3/µl

DIFFERENTIAL	%	/ µl
METAMYELOCYTES		
BAND NEUTROPHILS		
SEG. NEUTROPHILS		
LYMPHOCYTES		
MONOCYTES		
EOSINOPHILS		
BASOPHILS		
OTHER		
NRBC/100 WBC		

PLATELETS
- ☐ ADEQUATE
- ☐ DECREASED ☐+1 ☐+2 ☐+3
- ☐ INCREASED ☐+1 ☐+2 ☐+3
- ☐ LARGE PLATELETS
- ☐ CLUMPED

ERYTHROCYTE MORPHOLOGY
- ☐ ESSENTIALLY NORMAL
- ☐ HYPOCHROMASIA ☐+1 ☐+2 ☐+3 ☐+4
- ☐ POLYCHROMASIA ☐+1 ☐+2 ☐+3 ☐+4
- ☐ LEPTOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
- ☐ POIKILOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
- ☐ ANISOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
- ☐ ROULEAUX ☐+1 ☐+2 ☐+3 ☐+4

COMMENTS: ☐ PARTIALLY CLOTTED SAMPLE

REPORTED BY: ____

REPORT DATE: 5/26/92

CLINICAL White - Animal's Chart Yellow - Laboratory

HEMATOLOGY Pink - Requestor Goldenrod - Clinical Pathologist

...ifornia Regional Primate Research ...nter

INTERVENTION/DRUG ADMINISTRATION FORM

5597 PCP03
ID Proj. Code

3-27-95
Procedure Date

Work ... No.

Investigator Requestor

Performed by: _ _

DESCRIPTION OR STATEMENT OF PROCEDURE:

_____ Intervention ___X___ Drug/Substance Administration

Female macaque are given sperm protein PH20 to evaluate contraceptive vaccine potential

ANIMALS:

MCY 26551
23414
28123
27279
26370
26371
26377
26388
23512
25133
25137
25142

List all substances and appropriate information.

Drug/Substance	Dose	Vol.	Route	Freq.	Start	Total	SNOMED Data Entry
PH20 im 0.9ml PBS with 0.1 ml Ribi Triple Mix Adjuvant	.25mg	1.0	IM	once monthly	3-27-95	3	

Please Return to Research Services, Room 1904

6418

CALIFORNIA PRIMATE RESEARCH CENTER

HEMATOLOGY

553T, TUS07
I.D. PROJECT CODE

934-0886 (60134
ANIMAL I.D.
(mcy 25142)
11/28/94
DATE OF SAMPLE

INVESTIGATOR REQUESTOR

ANIMAL DATA: 1604 35
HOME ROOM CAGE

SEX YR MO AGE KG WEIGHT

PRODEDURE IS: ____ DIAGNOSTIC AID ____ COLONY MANAGEMENT X EXPERIMENTAL

CLINICAL SIGNS / PROBLEMS:

PRIOR THERAPY ☐NO ☐YES
LIST ALL AGENTS:

HOSPITALIZED NO ☐ YES ☐ 1331 - 2
ROOM CAGE

BLEEDING CONDITIONS: ☐ Squeezed - limb pulled ☐ Caught on run ☐ Fasted ____ hrs ☐ Anesthetized ☒ Other FBS

☒ COMPLETE BLOOD COUNT: ELECTRONIC CELL COUNT, SMEAR EVALUATION, PLASMA PROTEIN, FIBRINOGEN

☐ ELECTRONIC CELL COUNT

WBC	21.4	X 10^3/µl
RBC	4.15	X 10^6/µl
HEMOGLOBIN	12.9	gm/dl
HEMATOCRIT	39.4	%
MCV	95	fl
MCH	31.1	pg
MCHC	32.7	pg/fl
PLATELETS	2.11	X 10^5/µl

☐ RETICULOCYTES ____ % ____ X 10^5/µl

☐ PCV (CENTRIFUGED) ____ %

☐ PLASMA PROTEIN 5.1 gm/dl

PLASMA COLOR:
☒ NO ABNORMALITIES
☐ HEMOLYZED
☐ ICTERIC
☐ LIPEMIC

☐ FIBRINOGEN <100 mg/dl

☐ SMEAR EVALUATION: TOTAL WBC 4.4 X 10^3/µl
☐ CORRECTED WBC 4.4 X 10^3/µl

DIFFERENTIAL	%	/ µl
METAMYELOCYTES		
BAND NEUTROPHILS		
SEG. NEUTROPHILS	5	220
LYMPHOCYTES	91	4004
MONOCYTES	4	176
EOSINOPHILS		
BASOPHILS		
OTHER		
NRBC/100 WBC	1	0

COMMENTS: ☐ PARTIALLY CLOTTED SAMPLE

PLATELETS
☒ ADEQUATE
☐ DECREASED ☐+1 ☐+2 ☐+3
☐ INCREASED ☐+1 ☐+2 ☐+3
☐ LARGE PLATELETS
☐ CLUMPED

ERYTHROCYTE MORPHOLOGY
☐ ESSENTIALLY NORMAL
☐ HYPOCHROMASIA ☐+1 ☐+2 ☐+3 ☐+4
☒ POLYCHROMASIA ☒+1 ☐+2 ☐+3 ☐+4
☐ LEPTOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
☒ POIKILOCYTOSIS ☒+1 ☐+2 ☐+3 ☐+4
☒ ANISOCYTOSIS ☒+1 ☐+2 ☐+3 ☐+4
☐ ROULEAUX ☐+1 ☐+2 ☐+3 ☐+4

REPORTED BY: ____

REPORT DATE: 11/29/94

CLINICAL
White - Animal's Chart Yellow - Laboratory

HEMATOLOGY
Pink - Requestor Goldenrod - Clinical Pathologist

6411

553T, TV307
I.D. PROJECT CODE

CALIFORNIA PRIMATE RESEARCH CENTER

HEMATOLOGY

MCJ 25142
ANIMAL I.D.

11/28/94
DATE OF SAMPLE

INVESTIGATOR ~~REQUESTOR~~

ANIMAL DATA: 1604 - 35
HOME ROOM CAGE

F
SEX

YR MO
AGE

KG
WEIGHT

PRODEDURE IS: ____ DIAGNOSTIC AID ____ COLONY MANAGEMENT ____ EXPERIMENTAL

CLINICAL SIGNS / PROBLEMS:
pre-st

PRIOR THERAPY ☐NO ☐YES
LIST ALL AGENTS:

HOSPITALIZED NO ☐ YES ☒ 1331 - 2
ROOM CAGE

BLEEDING CONDITIONS: ☐ Squeezed - limb pulled ☐ Caught on run ☐ Fasted ____ hrs ☒ Anesthetized ☐ Other ____

☐ COMPLETE BLOOD COUNT: ELECTRONIC CELL COUNT, SMEAR EVALUATION, PLASMA PROTEIN, FIBRINOGEN

☑ ELECTRONIC CELL COUNT		
WBC	5.2	X 10^3 / µl
RBC	5.30	X 10^6 / µl
HEMOGLOBIN	10.8	gm/dl
HEMATOCRIT	33.9	%
MCV	64	fl
MCH	20.4	pg
MCHC	31.9	pg/fl
PLATELETS	3.25	X 10^5 / µl

☐ SMEAR EVALUATION: TOTAL WBC ____ X 10^3/µl
☐ CORRECTED WBC ____ X 10^3/µl

DIFFERENTIAL	%	/ µl
METAMYELOCYTES		
BAND NEUTROPHILS		
SEG. NEUTROPHILS		
LYMPHOCYTES		
MONOCYTES		
EOSINOPHILS		
BASOPHILS		
OTHER		
NRBC/100 WBC		

PLATELETS
☐ ADEQUATE
☐ DECREASED ☐+1 ☐+2 ☐+3
☐ INCREASED ☐+1 ☐+2 ☐+3
☐ LARGE PLATELETS
☐ CLUMPED

ERYTHROCYTE MORPHOLOGY
☐ ESSENTIALLY NORMAL
☐ HYPOCHROMASIA ☐+1 ☐+2 ☐+3 ☐+4
☐ POLYCHROMASIA ☐+1 ☐+2 ☐+3 ☐+4
☐ LEPTOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
☐ POIKILOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
☐ ANISOCYTOSIS ☐+1 ☐+2 ☐+3 ☐+4
☐ ROULEAUX ☐+1 ☐+2 ☐+3 ☐+4

☐ RETICULOCYTES ____ % ____ X 10^5 / µl

☐ PCV (CENTRIFUGED) ____ %

☒ PLASMA PROTEIN 6.0 gm/dl

PLASMA COLOR:
☒ NO ABNORMALITIES
☐ HEMOLYZED
☐ ICTERIC
☐ LIPEMIC

☐ FIBRINOGEN ____ mg/dl

COMMENTS: ☐ PARTIALLY CLOTTED SAMPLE

REPORTED BY: ____

REPORT DATE: 11/28/94

CLINICAL
White - Animal's Chart Yellow - Laboratory

HEMATOLOGY
Pink - Requestor Goldenrod - Clinical Pathologist

553T JUSOT
I.D. PROJECT CODE

CALIFORNIA PRIMATE RESEARCH CENTER

SURGERY POST-OPERATIVE RECORD

MCJ 25142
ANIMAL I.D.

INVESTIGATOR — REQUESTOR

11 28 94
DATE OF SURGERY

ANIMAL DATA: 1604 - 35
ROOM CAGE

F — SEX
YR MO — AGE
KG — WEIGHT

WORKORDER # 7504 PROCEDURE: fistectomy

IMMEDIATE POST-ANESTHETIC

TIME	SITTING UP	HEAT LAMP	EXTUBATION	TURNED	OBSERVATION AND TREATMENTS	INIT.
9:30AM		✓	✓		Animal Moved to 1331-2	
10AM	✓	✓	✓		Pumps Alarm	
11AM	✓	✓				
11:30AM	✓	✓				
12PM	✓	✓				
1PM	✓	✓				
1:30PM	✓	✓			Animal BAR Incr grd.	

SUBSEQUENT DAYS POST-OP
All Entries Must Be Dated, Timed, and Initialed

DATE	TIME	APPETITE	HYD	STOOL	ATTITUDE	INCISION CONDITION	OBSERVATION AND TREATMENTS	INIT.
11/29/94	7:00A	G	E	N	BAR	Intact	Blood, Normal wound care	

SURGERY POST - OPERATIVE RECORD

White - Animal's Chart Pink - Surgery

CALIFORNIA PRIMATE RESEARCH CENTER

INTERVENTION /SURGERY

DATA SERVICES USE ONLY				ANIMAL		DATE OF EVENT		
E	V	FORM	SEQUENCE	SP	ID#	MO.	DAY	YR
		056		MCN	25114R	11	28	94

PROCEDURE: fetectomy

REQUESTOR: D. L.

INVESTIGATOR: "

☐ HEALTH CARE Charge to Center

☑ EXPERIMENTAL Charge to ID# 5537 Work Order# 7524

ROOM: 1404 AGE:

CAGE: 35 SEX: F

PROJECT: TUSOM WT. KG

LINE	SNOMED CODES										CODED BY: JFU	SNOMED TERMS (OPTIONAL)
01	T-	8	2	0	0	0	P-	1	0	0	0	incision uterus
02	T-	8	9	0	0	0	P-	1	1	0	0	excision fetus
03	T-						P-					

DESCRIPTION OF PROCEDURES PERFORMED

Ventral midline abdominal incision. Exteriorize uterus. Uterotomy incision ventral longitudinal. Retrieve fetus & membranes intact. Close uterus inner myometrium and outer serosal 4-0 vicryl. Close abdomen 2-0 vicryl simple continuous. Close SC continuous subcuticular.

11/29/94 7:00 A G G N BAR intact Blood, Voni t under cage 81

ANESTHETICS, IV FLUIDS, CONCURRENT MEDICATION

	SUBSTANCE	DOSE	UNITS	TOTAL	ROUTE
1	ATRO / KET / Isoflurane				
2	Buprenex Electrolyte				
3					
4					

POSTOPERATIVE CARE AND CONDITION

TIME IN: 8:30 AM

TIME OUT:

Oxygen per phone 7/17 for 2 hrs.

SURGEON: ASSISTANT: ANESTHETIST:

791003.01

CALIFORNIA REGIONAL PRIMATE RESEARCH CENTER
SONOGRAPHIC ABDOMINAL/PELVIC EVALUATION

ANIMAL #: MCY 25142 AGE: DATE: 8/13/93

History: PRE-PROJECT EVALUATION

- C/S 4/93 - TNSPY
- PE 7/28/93

Total Uterine Length (mm): 41 Uterine Body (mm): L 28 W 17 H 17

Shape: (normal) irregular _____ *Contour*: (normal) irregular _____

Position: (midline) anteflexed retroflexed flexed _____

Texture: (heterogeneous) homogeneous _____

Uterine/Endometrial Cavity Echo: (Present) Absent Endometrium (mm): 3

Poor definition of pelvic structures: Yes (No)

Localized areas of increased/decreased echogenicity Location: _____

COMMENTS: • UT. INNER MYOM & MYOMETRIUM ECE
• ASSIGN

ABDOMINAL/PELVIC MASS

Location and Size:	Unilateral - abdominal adnexal uterine _____ mm
	Bilateral - uterine extrauterine indeterminate
	Other -
Internal Consistency:	Cystic - homogeneous septated solid foci multiple
	Complex - predominantly cystic predominantly solid
	Solid - mildly echogenic moderately echog. markedly
Borders:	Well-defined Moderately well-defined Poorly defined.

COMMENTS:

NSF=No significant findings; LUS=lower uterine segment; CX=cervix; TUL=total uterine length; UB=uterine body; ECE=endometrial cavity echo; RFA/LFA=right or left femoral artery; RFV/LFV=right or left femoral vein

HARD COPY (#) _____ DS P VIDEOTAPED

ENTERED MAR 1 8 1999

CALIFORNIA REGIONAL PRIMATE RESEARCH CENTER

ANIMAL DEATH RECORD

Species: Mky ID #: 25142 Date of Death: 03/18/99

Type of Death: Date Reported: / /

D ☐ Spontaneous Death Home Location:

X ☒ Experimental Design Present Location: AB5007-80

A ☐ Experimental Accident Weight: 4.06 ✓

M ☐ Medical Cull Diagnostic Sex: ♀

K ☐ Medical Cull

S ☐ Surgical Cull

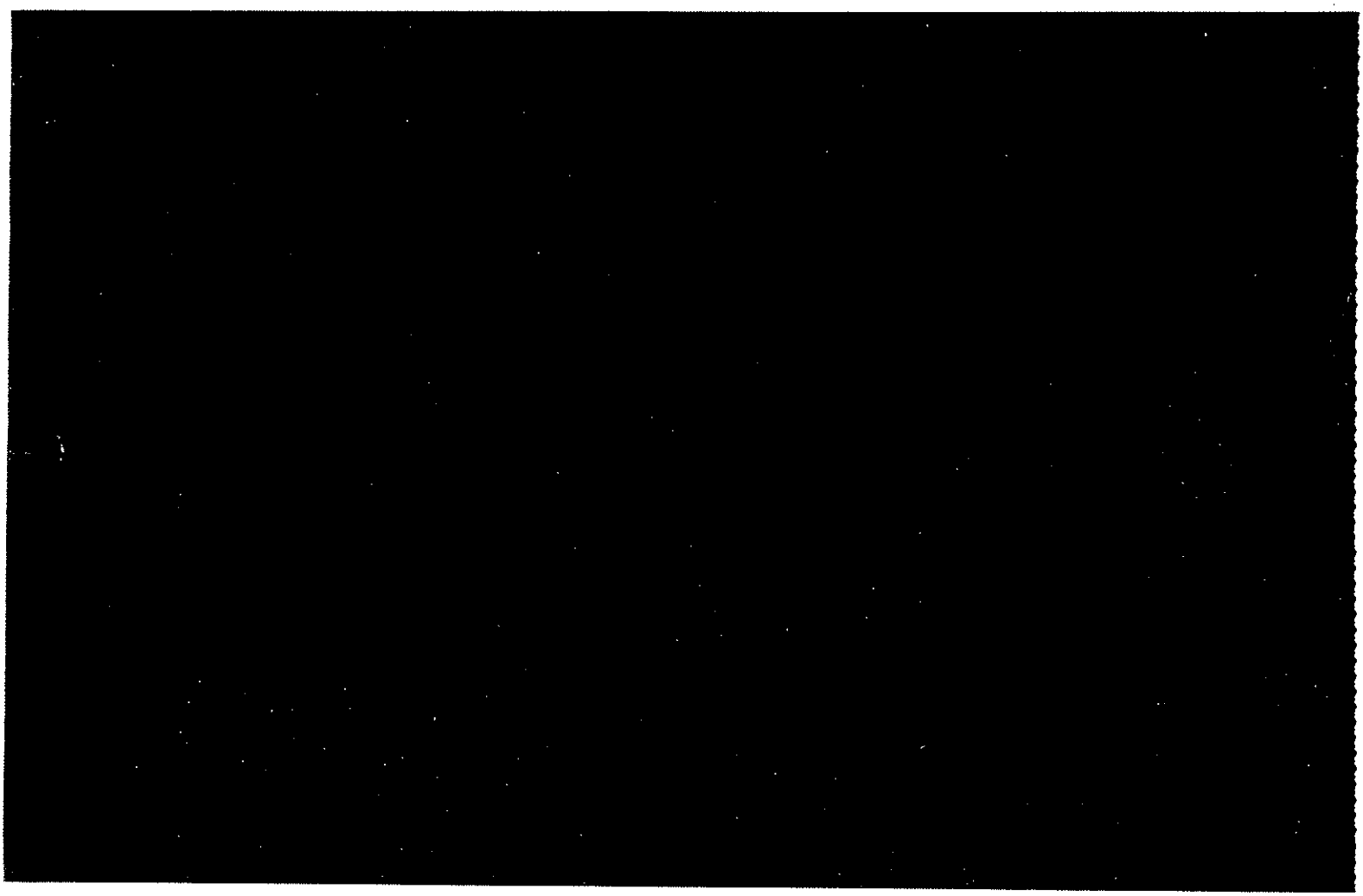
Probable Cause of Death (technician or clinician): i.v. pentobarbital

Signed DRC

Pathological Diagnosis (clinician or pathologist): ① polio ② tissue harvest ③ NSL

☐ Necropsy not performed Signed

D1010 (8/95)M Original—Animal Chart Yellow—Data Entry



809

8713 . CRB01
I.D. PROJECT CODE

CALIFORNIA PRIMATE RESEARCH CENTER
PARASITOLOGY

MCY 25142
ANIMAL I.D.

9-12-89
DATE OF SAMPLE

INVESTIGATOR REQUESTOR

ANIMAL DATA: QU 87 - 1
HOME ROOM CAGE

SEX YR AGE MO KG WEIGHT

PRODEDURE IS: ____ DIAGNOSTIC AID X COLONY MANAGEMENT ____ EXPERIMENTAL

SOURCE OF SPECIMEN:
- ☐ FECES, FRESH CATCH
- ☒ FECES, CAGE SAMPLE
- ☐ OTHER: _____

CLINICAL SIGNS: ☐ DIARRHEA
- ☐ FOLLOW UP? DRUG USED: _____
- ☐ OTHER: _____

HOSPITALIZED? NO ☐ YES ☐ _____ ROOM _____ CAGE

PROCEDURE REQUESTED:
- ☐ ROUTINE EXAMINATION
- ☐ CRYPTOSPORIDIA SMEAR
- ☐ SKIN SCRAPING EXAM
- ☒ OTHER: sedimentation conc

FOR LABORATORY USE ONLY

APPEARANCE	CONSISTENCY: formed	COLOR: brown
EXAMINATION	☐ RBC: — ☐ WBC: — ☐ OTHER:	

1+	Balantidium coli		Entamoeba histolytica
	Blastocystis hominis		Giardia lamblia
	Chilomastix mesnili		Trichomonas, NOS
	Cryptosporidium, NOS		Trichomonas hominis
	Entamoeba coli	1	Trichuris trichiura ova seen
	Entamoeba hartmanni		NO Parasites Seen

2+ Iodamoeba buetschlii

10-15 Strongyle ova + larvae seen

REPORTED BY: _____ REPORT DATE: 9/28/89

CLINICAL PARASITOLOGY

White - Animal's Chart Yellow - Laboratory Pink - Requestor Goldenrod - Clinic Pathologist