

University of Washington
National Primate Research Center

Accession # 05-0094

Date 05.27.05

DIAGNOSTIC LABORATORY NECROPSY REPORT

Requester Dr. S. Kelley Investigator Dr. L. Stamatatos Animal ID # A03068
Species M. mu. Requester's Phone _____

Date of Necropsy 05.27.05 Time 8:15 am Pathologist Helle Bielefeldt-Ohmann

Nutritional Condition: ☒ **Adequate** ☐ Marginal ☐ Poor ☐ Obese

Other Tests Required: ☐ Sero ☐ Micro ☒ X Histo ☐ Parasit ☐ Other _____

Gross Findings:

Necropsy was performed on a 4.2 years old female *Macaca mulatta* within 10 minutes of euthanasia. The animal was in adequate nutritional and hydration condition. No external lesions were noted, but there was marked reduction of muscle mass of the left thigh (by 40-50 % relative to right leg), and the clinically described crepitation of the left hip joint was evident. Grossly the muscles of the left thigh appeared of normal color and texture, lacking any signs of trauma or vascular changes. The capsule of the left hip-joint was severely thickened due to fibrosis and the joint contained ~ 1ml of a viscous mixture of synovial fluid and blood. The ligament of caput femoris was not apparent, either on the femur or in the acetabulum. The caput femoris and the neck of the femur were no longer clearly delineated, and separable. Instead there was a small flattened area with a thin, partly discontinuous layer of cartilage (~ 5-6 mm in diameter) to one end of a larger area of irregular, eroded bone. There was also mild to moderate erosion of the greater trochanter resulting in sharper than normal edges. The acetabular cartilage was eroded and had an irregular surface. The right hip joint was grossly normal, with the tendon, caput and neck intact, and the capsule of normal thickness. The inguinal lymph nodes were moderately enlarged and of firm texture. All other tissues and organs, including eyes, heart, lungs, thymus, liver, pancreas, gastro-intestinal tract, spleen, kidneys, gll. adrenalis, ovaries, reproductive tract and bladder, grossly appeared within normal limits for age group and species.

Cause of death: clinical euthanasia.

Final Report

X Final Report to Follow

Morphologic diagnosis: 1. Hip joint, left: arthropathy, degenerative, with cartilage and bone erosion and necrosis, rupture of tendon, hemorrhage and capsular fibrosis, severe, chronic-active. 2. Skeletal muscle, left thigh: hypotrophy, moderate, chronic. HBO

Master History Report Printed on 22-Jan-2007 for user

A03068 M. mulatta(rhesus) Female
 Tulane Id: DC72
 Birth date: 11-MAR-01
 Entry date: 13-MAR-03
 Departure date: 27-MAY-05
 Disposition: Euthanasia, clinical
 Inbreeding coefficient: .000
 Inbreeding history: .000 due to dam: .000 due to sire: .000
 Breeding index: 0 Generation index: .000
 *** No Case summary available ***
 Place of origin: Tulane National Primate Research Center
 Vendor: PRIMATE PRODUCTS
 Age at departure on 27-MAY-05 4.21 years (1538 days)
 Previous identification: DC72
 Necropsy path number: 094-05A

*** No gestational information available ***

First weight: 25-MAR-03 0 2.900 Kg.

*** Full Virus Test Summary ***

Virus	Target	R Method	Date	Lab
3903 SRV-2 (Type D / Washington	antibody	- Elisa Test	25-MAR-03	UW SeaDL
3903 SRV-2 (Type D / Washington	antibody	- Immunoblot	25-MAR-03	UW SeaDL
3903 SRV-2 (Type D / Washington	virus	- Raji Cell Culture	25-MAR-03	UW SeaDL
3903 SRV-2 (Type D / Washington	viral DNA	- PCR (Polymerase Cha	25-MAR-03	UW SeaDL
3903 SRV-2 (Type D / Washington	antibody	- Elisa Test	22-APR-03	UW SeaDL
3903 SRV-2 (Type D / Washington	viral DNA	- PCR (Polymerase Cha	22-APR-03	UW SeaDL
3903 SRV-2 (Type D / Washington	antibody	- Elisa Test	13-MAY-03	UW SeaDL
3903 SRV-2 (Type D / Washington	antibody	- Immunoblot	13-MAY-03	UW SeaDL
3903 SRV-2 (Type D / Washington	virus	- Raji Cell Culture	13-MAY-03	UW SeaDL
3903 SRV-2 (Type D / Washington	viral DNA	- PCR (Polymerase Cha	13-MAY-03	UW SeaDL
3903 SRV-2 (Type D / Washington	antibody	- Elisa Test	13-JAN-04	UW SeaDL
3903 SRV-2 (Type D / Washington	viral DNA	- PCR (Polymerase Cha	13-JAN-04	UW SeaDL
3903 SRV-2 (Type D / Washington	antibody	- Elisa Test	05-AUG-04	UW SeaDL
3903 SRV-2 (Type D / Washington	viral DNA	- PCR (Polymerase Cha	05-AUG-04	UW SeaDL
3904 STLV-I	antibody	- Elisa Test	25-MAR-03	UW SeaDL
3904 STLV-I	antibody	- Elisa Test	22-APR-03	UW SeaDL
3904 STLV-I	antibody	- Elisa Test	13-JAN-04	UW SeaDL
3904 STLV-I	antibody	- Elisa Test	05-AUG-04	UW SeaDL

*** Moves *** (All 20 Records From 01-APR-03 To 09-JAN-07)

Date	Seq	Room	Cage	Type-housing	Reason
15-APR-03	0	W316	34	single animal cage	
20-JUN-03	0	W316	32	single animal cage	
10-JUL-03	0	W316	5	pair housing, 2 anima	
21-JUL-03	0	W328	1	pair housing, 2 anima	
22-JUL-03	0	I027	5	pair housing, 2 anima	
28-JUL-03	0	I027	17	pair housing, 2 anima	
24-SEP-03	0	I027	6	pair housing, 2 anima	
17-NOV-03	0	I459	10	pair housing, 2 anima	
29-DEC-03	0	I459	10	single animal cage	
16-JAN-04	0	I459	2	single animal cage	
21-JAN-04	0	I459	2	pair housing, 2 anima	
05-FEB-04	0	I459	2	single animal cage	
09-FEB-04	0	I459	2	pair housing, 2 anima	
13-FEB-04	0	I459	4	pair housing, 2 anima	
05-MAY-04	0	W315	5	pair housing, 2 anima	
14-SEP-04	0	W310	5	pair housing, 2 anima	
24-NOV-04	0	W108	1	pair housing, 2 anima	

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06-DEC-04 0 W310 21 pair housing, 2 anima
 11-MAY-05 0 W310 23 pair housing, 2 anima
 27-MAY-05 20 DEAD

*** Weights *** (All 25 Records From 01-APR-03 To 09-JAN-07)

Date	Seq	Weight
08-APR-03	0	2.820 Kg
22-APR-03	0	2.980 Kg
13-MAY-03	0	2.850 Kg
09-JUL-03	0	3.120 Kg
18-JUL-03	0	3.470 Kg
13-JAN-04	0	4.500 Kg
02-MAR-04	0	4.800 Kg
18-MAY-04	0	4.970 Kg
17-JUN-04	0	4.820 Kg
13-JUL-04	0	5.070 Kg
05-AUG-04	0	5.250 Kg
07-SEP-04	0	5.540 Kg
05-OCT-04	0	5.810 Kg
30-NOV-04	0	5.920 Kg
15-JAN-05	0	5.800 Kg
09-FEB-05	0	5.780 Kg
12-FEB-05	0	5.720 Kg
23-FEB-05	0	5.730 Kg
02-MAR-05	0	5.570 Kg
09-MAR-05	0	5.530 Kg
12-MAR-05	0	5.560 Kg
09-APR-05	0	5.600 Kg
04-MAY-05	0	5.810 Kg
23-MAY-05	0	5.880 Kg
27-MAY-05	20	6.060 Kg

*** Tb Tests *** (All 3 Records From 01-APR-03 To 09-JAN-07)

Date	Seq	Where	Ketamine	Atropine	Other-drug	R24	R48	R72	T
08-APR-03	0	right lid				2	2	1	m
22-APR-03	0	left lid				2	2	1	m
13-JAN-04	0	right lid				2	1	1	m

*** Project Records *** (All 3 Assignments From 01-APR-03 To 09-JAN-07)

Assigned	Returned	Investigator	Pg	Pj	Use	Acc	Expires	Title
13-MAR-03	01-MAY-03	Quarantine	57	01	No Biologic Change	2511-43	10-OCT-06	Quarantine
02-MAY-03	09-NOV-03	Research	53	01	No Biologic Change	4027-05	10-OCT-07	Research/Reserve
10-NOV-03		Stamatatos, Leonidas	01	01	Terminal	3408-01	17-JUN-06	Protection from SHIV-infection by CTL and antibodies

*** No Breeding Records ***

*** Blood Draws *** (All 17 Records From 01-APR-03 To 09-JAN-07)

Date	Site	Reason	What Drawn	Where Drawn	Amount	By	SB	Investigator	Pg	Pj
22-APR-03	Western	Diagnostic	Blood		10.0					
		Comment: with TB test								
13-MAY-03	Western	Diagnostic	Blood		4.5	JA				
09-JUL-03	Western	Diagnostic	Blood		5.0	JA		Research	53	01
13-JAN-04	Colony	Diagnostic	Blood		5.0					
		Comment: with TB test								
02-MAR-04	Colony	PI	Blood		47.0	EN		Stamatatos, Leonidas	01	01
18-MAY-04	Western	PI	Blood		31.0	LK		Stamatatos, Leonidas	01	01

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17-JUN-04	Western	PI	Blood	31.0 LK	Stamatatos, Leonidas 01 01
13-JUL-04	Western	PI	Blood	30.0 LK	Stamatatos, Leonidas 01 01
05-AUG-04	Western	Diagnostic	Blood	4.5	
07-SEP-04	Western	PI	Blood	31.0 LK	Stamatatos, Leonidas 01 01
05-OCT-04	Western	PI	Blood	31.0 LK	Stamatatos, Leonidas 01 01
30-NOV-04	Western	PI	Blood	31.0 LK	Stamatatos, Leonidas 01 01
09-FEB-05	Western	PI	Blood	21.0 LK	Stamatatos, Leonidas 01 01
23-FEB-05	Western	PI	Blood	56.0 LK	Stamatatos, Leonidas 01 01
02-MAR-05	Western	PI	Blood	56.0 LK	Stamatatos, Leonidas 01 01
09-MAR-05	Western	PI	Blood	55.0 LK	Stamatatos, Leonidas 01 01
04-MAY-05	Western	PI	Blood	2.0 NI	Stamatatos, Leonidas 01 01

*** Hematologies *** (All 14 Records From 01-APR-03 To 09-JAN-07)

OPTIONS: Differential data are reported here as absolute counts.

Animal	Tested	HEMO	PCV	RBC	MCH	MCV	MCHC	IM	RET	ORC	PL	ESR	WBC	NEUTR	BAND	LYMPH	MONOC	EOSIN	BASOP	PLASM	ATYPL	GRANU	OTH	
A03068	22-APR-03	13.4	39.4	5.60	23.9	70.3	34.0				368		7.0			3227	588						3185	
A03068	09-JUL-03	12.6	40.0	5.40	23.3	74.0	31.7				402		4.3	1109		3052	89							
A03068	18-MAY-04	12.6	37.2	5.24	24.1	70.9	34.0				401		6.8			4087	707						2006	
A03068	18-MAY-04	12.6	36.7	5.29	23.8	69.0	34.3				443		6.7	1782		4228	556	87	47					
A03068	17-JUN-04	12.4	38.0	5.24	23.8	73.0	32.8				459		6.5	3731		2184	468	78	39					
A03068	13-JUL-04	12.3	37.5	5.08	24.2	74.0	32.8				436		6.8	3400		2550	700	109	41					
A03068	07-SEP-04	13.3	40.8	5.58	23.8	73.0	32.5				436		7.3	1854		4774	562	51	58					
A03068	05-OCT-04	12.5	38.6	5.34	23.5	72.0	32.5				430		6.4	2266		3654	346	90	45					
Comment: CD4% calculated to 105.4%																								
A03068	30-NOV-04	13.6	41.8	5.80	23.5	72.0	32.6				434		7.8	4033		3120	484	125	39					
A03068	09-FEB-05	12.9	40.0	5.52	23.3	72.0	32.2				206		8.9	2955		5207	507	160	71					
A03068	23-FEB-05	12.3	37.0	5.18	23.8	71.0	33.3				377		6.7	2178		3605	409	462	47					
A03068	02-MAR-05	11.6	35.4	4.93	23.6	72.0	32.9				123		7.0	2891		3290	525	252	42					
A03068	09-MAR-05	11.1	34.2	4.77	23.3	72.0	32.5				202		5.1	1739		2984	245	107	26					
A03068	04-MAY-05	13.0	39.3	5.51	23.6	71.0	33.2				369		7.7	3419		3565	524	131	62					

*** No Blood Parasite Records within the specified period ***

*** Blood Chemistries *** (All 3 Records From 01-APR-03 To 09-JAN-07)

NOTE: We enter zero whenever labs report a result below the detectable limit for their analyzer.

NOTE: Some values have not been added to this report due to formatting limitations.

Please see Other Reports > Blood Chemistry Reports for an Excel view of all possible results.

Animal	Tested	Lab	Na	K	Cl	CO2	IG	TP	Alb	Glo	A/G	Cal	PO4	PCO2	TBi	BUN	Glu	Crt	Alk	SGOT	SGPT	GGTP	Ldh	Chol	Tr
A03068	22-APR-03	UW Hosp	148.0	3.3	106			6.4	3.4	3.0	1.133	10.2	5.7		0.30	26	31	0.6	621	35	17	40		145	
A03068	09-JUL-03	UW Hosp	152.0	3.3	109			6.3	3.7	2.6	1.423	9.9	7.0		0.20	18	45	0.5	659	39	25	46		159	
A03068	02-MAR-05	UW Hosp	148.0	3.8	109			6.4	3.4	3.0	1.133	10.3	6.0		0.40	15	35	0.6	296	39	20	38		185	

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*** No CSF Test Records ***

*** No Urinalysis Test Records ***

*** Snomed Reports *** (All IQs; All 30 Records From 01-APR-03 To 09-JAN-07)
(Please note that some test results are available
only through MICRO and VIRUS.)

Clinical Procedure from 08-APR-03 to 08-APR-03:

with TB test.
DE-WORM performed. Ivermectin.
Additionally, DE-WORM performed. Fenbendazole - Panacur.
Additionally, PHYSICAL EXAMINATION, COMPLETE performed.

Clinical Procedure from 22-APR-03 to 22-APR-03:

with TB test.
DE-WORM performed. Ivermectin.
Additionally, Physical Examination: Quarantine Exit performed.
22-APR-03 22-APR-03 Atropine .012 mg IM SID.
22-APR-03 22-APR-03 Ketamine HCl 50 mg IM SID.
The examination showed BC3 Well-conditioned.
CBC AND BLOOD CHEMISTRY performed.
TATTOOING performed.
Approved for release from quarantine.

Experimental Procedure from 13-MAY-03 to 13-MAY-03:

BLOOD COLLECTION FOR EXPERIMENTATION performed.
13-MAY-03 13-MAY-03 Atropine .12 mg IM SID.
13-MAY-03 13-MAY-03 Ketamine HCl 30 mg IM SID.

Clinical Procedure from 09-JUL-03 to 09-JUL-03:

BLOOD COLLECTION performed.
09-JUL-03 09-JUL-03 Atropine .2 mg IM SID.
09-JUL-03 09-JUL-03 Ketamine HCl 50 mg IM SID.

Clinical Procedure from 25-JUL-03 to 25-JUL-03:

PHYSICAL EXAMINATION, COMPLETE performed.
25-JUL-03 25-JUL-03 Atropine .12 mg IM SID.
25-JUL-03 25-JUL-03 Ketamine HCl 30 mg IM SID.
Additionally, FECAL COLLECTION FOR CULTURE & SENSITIVITY performed.

Clinical Disorder from 12-JAN-04 to 14-JAN-04:

ABRASION of SECOND FINGER.
Left.
The above is due to TRAUMATIC INJURY ETIOLOGIC AGENT UNKNOWN.
12-JAN-04 12-JAN-04 Benzathine/Procaine penicillin G 150000 Unit IM
SID.
ROUTINE MONITORING performed.
The above resulted in TREATMENT RESPONSE, GOOD.

Clinical Procedure from 13-JAN-04 to 13-JAN-04:

Administration of medication during TB testing performed.
13-JAN-04 13-JAN-04 Atropine .2 mg IM SID.
13-JAN-04 13-JAN-04 Ketamine HCl 60 mg IM SID.

Clinical Procedure from 13-JAN-04 to 13-JAN-04:

with TB test.
PHYSICAL EXAMINATION, COMPLETE performed.

~Fluid Draw from 02-MAR-04 to 02-MAR-04:

Administration of medication during fluid draw performed.
02-MAR-04 02-MAR-04 Atropine .2 mg IM SID.

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02-MAR-04 02-MAR-04 Ketamine HCl 50 mg IM SID.

~Fluid Draw from 18-MAY-04 to 18-MAY-04:

Administration of medication during fluid draw performed.

18-MAY-04 18-MAY-04 Atropine .2 mg IM SID.

18-MAY-04 18-MAY-04 Ketamine HCl 50 mg IM SID.

Experimental Procedure from 18-MAY-04 to 18-MAY-04:

INJECTION INTRAMUSCULAR performed. Experimental Vaccine.

dV2gp140 alphavirus partivles.

INJECTION SUBCUTANEOUS performed. Experimental Vaccine.

dV2gp140 alphavirus partivles.

~Fluid Draw from 17-JUN-04 to 17-JUN-04:

Administration of medication during fluid draw performed.

17-JUN-04 17-JUN-04 Atropine .2 mg IM SID.

17-JUN-04 17-JUN-04 Ketamine HCl 50 mg IM SID.

Experimental Procedure from 17-JUN-04 to 17-JUN-04:

INJECTION INTRAMUSCULAR performed. Experimental Vaccine.

dV2gp140 env alphavirus particle.

INJECTION SUBCUTANEOUS performed. Experimental Vaccine.

dV2gp140 env alphavirus particle.

~Fluid Draw from 13-JUL-04 to 13-JUL-04:

Administration of medication during fluid draw performed.

13-JUL-04 13-JUL-04 Atropine .2 mg IM SID.

13-JUL-04 13-JUL-04 Ketamine HCl 50 mg IM SID.

Clinical Procedure from 05-AUG-04 to 05-AUG-04:

Administration of medication during TB testing performed.

05-AUG-04 05-AUG-04 Atropine .28 mg IM SID.

05-AUG-04 05-AUG-04 Ketamine HCl 70 mg IM SID.

PHYSICAL EXAMINATION, COMPLETE performed.

~Fluid Draw from 07-SEP-04 to 07-SEP-04:

Administration of medication during fluid draw performed.

07-SEP-04 07-SEP-04 Atropine .2 mg IM SID.

07-SEP-04 07-SEP-04 Ketamine HCl 60 mg IM SID.

Experimental Procedure from 07-SEP-04 to 07-SEP-04:

INJECTION INTRAMUSCULAR performed. Experimental Vaccine.

dV2gp140 alphavirus particles.

Clinical Procedure from 13-SEP-04 to 13-SEP-04:

PROPHYLACTIC TREATMENT performed.

The above is associated with Cage change.

13-SEP-04 13-SEP-04 ACEPROMAZINE MAALATE 5 mg PO SID.

RELEASED TO COLONY, NORMAL ROUTINE.

~Fluid Draw from 05-OCT-04 to 05-OCT-04:

Administration of medication during fluid draw performed.

05-OCT-04 05-OCT-04 Atropine .2 mg IM SID.

05-OCT-04 05-OCT-04 Ketamine HCl 60 mg IM SID.

~Fluid Draw from 30-NOV-04 to 30-NOV-04:

Administration of medication during fluid draw performed.

30-NOV-04 30-NOV-04 Atropine .2 mg IM SID.

30-NOV-04 30-NOV-04 Ketamine HCl 60 mg IM SID.

~Fluid Draw from 09-FEB-05 to 09-FEB-05:

Administration of medication during fluid draw performed.

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09-FEB-05 09-FEB-05 Atropine .3 mg IM SID.
09-FEB-05 09-FEB-05 Ketamine HCl 70 mg IM SID.

Experimental Procedure from 09-FEB-05 to 09-FEB-05:
INJECTION INTRAMUSCULAR performed. Experimental Vaccine.
DV2 protein in MP35.

~Fluid Draw from 23-FEB-05 to 23-FEB-05:
Administration of medication during fluid draw performed.
23-FEB-05 23-FEB-05 Atropine .2 mg IM SID.
23-FEB-05 23-FEB-05 Ketamine HCl 60 mg IM SID.

Observation from 01-MAR-05 to 01-MAR-05:
PWB staff reported on 2/28/05 - favoring right leg with minimal weight bearing.
Adequate Hydration.
BC6 Body Condition Check, Not Applicable.
PHYSICAL Examination, cage side performed.
KV - Animal escaped out from her cage on 2/26/05-2/27/05. Slight lameness noticed on 2/28/05 and no visible external trauma observed.
RIGHT LEG. GAIT, LIMP.
but is weight bearing.
ROUTINE MONITORING performed.

~Fluid Draw from 02-MAR-05 to 02-MAR-05:
Administration of medication during fluid draw performed.
02-MAR-05 02-MAR-05 Atropine .3 mg IM SID.
02-MAR-05 02-MAR-05 Ketamine HCl 70 mg IM SID.

Clinical Procedure from 02-MAR-05 to 02-MAR-05:
PHYSICAL EXAMINATION, COMPLETE performed.
The examination showed BC3 Well-conditioned.
Adequate Hydration.
SCAB of CHIN.
Lymphadenopathy of LYMPH NODE(S).

~Fluid Draw from 09-MAR-05 to 09-MAR-05:
Administration of medication during fluid draw performed.
09-MAR-05 09-MAR-05 Atropine .3 mg IM SID.
09-MAR-05 09-MAR-05 Ketamine HCl 70 mg IM SID.

Clinical Procedure from 07-APR-05 to 07-APR-05:
Ultrasound for pregnancy.
Adequate Hydration.
BC3 Well-conditioned.
ULTRASOUND IMAGERY PROCEDURE performed.
Escaped from cage on 2/26/05 along w/ a male Mm. Negative for pregnancy, rec. recheck in 1 month.
07-APR-05 07-APR-05 Atropine .32 mg IM SID.
07-APR-05 07-APR-05 Ketamine HCl 80 mg IM SID.
ROUTINE MONITORING performed.

~Fluid Draw from 04-MAY-05 to 04-MAY-05:
Administration of medication during fluid draw performed.
04-MAY-05 04-MAY-05 Atropine .24 mg IM SID.
04-MAY-05 04-MAY-05 Ketamine HCl 60 mg IM SID.

Observation from 18-MAY-05 to 27-MAY-05:
Adequate Hydration.
BC6 Body Condition Check, Not Applicable.
PHYSICAL Examination, cage side performed.
MG.

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ABNORMAL APPEARANCE of LEFT LEG. LIMITATION OF MOTION.
TREATMENT AND/OR OBSERVATION performed.
Recommend radiograph of left leg.

18-MAY-05 18-MAY-05 Ketoprofen 30 mg IM SID.
19-MAY-05 23-MAY-05 Ketoprofen 37.5 mg PO BID.
23-MAY-05 23-MAY-05 Adequan 10 mg IM SID.
23-MAY-05 26-MAY-05 SynoviCre 1 TSP PO SID.
26-MAY-05 26-MAY-05 Adequan 10 mg IM SID.
27-MAY-05 27-MAY-05 Pentobarbital 972 mg IV SID
Comments: For euthanasia.

LEFT HIP. LIMITATION OF MOTION. DISEASE OF BONE. PHYSICAL EXAMINATION,
COMPLETE performed.
5/23/05 Marked crepitation of left hip jt upon movement and palpation.
MG/JA.

ABNORMAL APPEARANCE of LEFT HIP. LIMITATION OF MOTION. DISEASE OF BONE.
RADIOGRAPHIC SURVEY performed. ETIOLOGIC AGENT UNKNOWN.
5/23/05 -Severe arthritic changes - degeneration of articular surfaces of
left femoral head and neck and acetabulums. Rec. surgical rx or
euthanisa. MG/SK.

EUTHANASIA performed.
5/26/05 response to analgesia Rx limited, euthanized per PI approval,
necropsy performed 5/27/05.
TREATMENT RESPONSE, POOR.

*** Microbiology Reports *** (All 1 Records From 01-APR-03 To 09-JAN-07)
18-JUL-03 0 University of Washington Hospital Lab

Type: fecal / enteric
Site: rectum
How-taken: direct swab
Purpose: diagnostic
-- Bacteriology --
1370 CAMPYLOBACTER, NOS: 1+ rare

*** No Surgery Reports ***

*** Psychological Well-being Program *** (All Records)

Referred to PWB before present classification system established.

***** End of Report for A03068 *****

**Washington National Primate Research Center
DEATH DATA FORM**

Date Of Death: 5/27/05

Animal Number: A03068

Time of Death: 8:00 AM

Species: MM

Time Found: _____

Weight: 6.06KG

Eartag: _____

Age: 4.2 yrs old

Sex: ☐ Male ☒ Female ☐ Unknown

Room/Cage Number: W310 #23

Person Reporting Death: Joel Ahrens

Project Assignment: Stamatatos, 0101

Investigator Notified: ☒ Yes ☐ No

Notified By: Joel Ahrens

Person Notified: LaRene Kuller

Time Notified _____

Comments: _____

Death Code: (Check One)

- | | |
|---|--|
| ☐ 1. Nonviable fetus, spontaneous | ☐ 9. Dead on arrival (death during transport) |
| ☐ 2. Nonviable fetus, experimental | ☐ 10. Transferred |
| ☐ 3. Dead at C-section, clinical (fetus) | ☐ 11. Unknown |
| ☐ 4. Dead at C-section, experimental (fetus) | ☐ 12. Spontaneous death, experimental |
| ☐ 5. Spontaneous death, trauma/accident | ☐ 13. Euthanized at C-section, Exp. (dam) |
| ☐ 6. Euthanasia, experimental | ☐ 14. Path report pending |
| ☒ 7. Euthanasia, clinical | ☐ 15. Fetus found in-utero at dam's necropsy |
| ☐ 8. Spontaneous death, clinical | ☐ 16. Euthanasia, trauma |

Submitted To Histopathology: ☒ Yes ☐ No **Date Submitted To Pathology Dept:** 5/27/05

Clinical Assessments by Veterinarian

Condition of Cadaver and/or clinical history:

See attached clinical summary report.

Euthanized animal - Administered pentobarbital sodium (Euthanasia - 5 solution) 972 mg IV.

Presumptive Diagnosis: Left femoral head surface degeneration.

Special Request: _____

Requestors Signature: Dr. Stephen Kelley

SUBMIT COPY TO RECORDS OFFICE COORDINATOR

Personnel Charge: _____ /hrs.

Room Charge: _____ /hrs.

Joel Ahrens - Animal #A03068 - brief clinical summary

From: Steve Kelley
To: Helle Bielefeldt-Ohmann
Date: 5/27/2005 10:17 AM
Subject: Animal #A03068 - brief clinical summary
CC: Eben Parrilla; Joel Ahrens; Keith Vogel; Maggie Gillen

Animal #A03068 – brief clinical and research use summary

Species: M. mulatta
Source: TNPRC
DOB: 3/11/01
Age on 5/27/05: 4.21 yrs.
Recd @ WaNPRC: 3/13/03

Summary of clinical history.

Completed arrival quarantine on 4/22/03; quarantine clinical history was uneventful. Treated for abrasion to left 2nd digit 1/12/04 – 1/14/04 with good response to Rx. PE on 3/2/05 revealed a scab on the chin and peripheral lymphadenopathy. The animal escaped from its cage on 2/26/05 along with a male; no evidence of external trauma. 2/28/05 rt leg lameness obsvd, resolved spontaneously. 4/7/05 – abdominal ultrasound to determine if pregnant – determined not to be pregnant. 5/18/05 obsv favoring left leg. PE reveal marked crepitation of left hip joint with associated decreased thigh muscle mass. Radiography on 5/23/05 revealed marked articular changes and degeneration involving the left femoral head and neck and acetabulum. Analgesic therapy was initiated 5/18/05. There was some improvement in movement observed but the degree of changes observed in the radiograph suggested that surgical treatment for the marked articular changes was indicated; if surgery was not warranted, then it was recommended that the animal be euthanized. This information was transmitted to the PI and it was determined to euthanize the animal. The animal was euthanized on 5/27/05.

Summary of experimental history (what is available in ARS).

11/10/03 assigned to Stamatotos project 01 01. 5/18/05 – IM and SQ injections of exp vaccine dV2gp140 alphavirus particles. Sedated for fluid collection (blood) multiple. 8/5/04 - IM injection of exp vaccine dV2gp140 alphavirus particles. 2/9/05 IM injection of exp vaccine DV2 protein in Mp35.

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Clinical Treatment Data Sheet

Animal #: A03068

Eartag #: _____

Room/Cage #: W310 #23

Species: Mm Sex: F Clinical: ☒ Research: ☐

Investigator: Stamatatos Project #: 01-01

Clinical Start Date: 5/18/05 Clinical End Date: 5/27/05

Experimental Lenti Virus: _____

Inoculation/Exposure date: _____

Statistics:

Rectal Temp: _____ Heart Rate: _____ RespRate: _____ Weight: _____ ✓

Experimental Procedure:

Clinical Signs: Slight favoring of left leg. Able to put weight on it but occasionally will lift it like its painful.

Clinical Exam:

1. Veterinerian requested radiograph.

Plan:

1. Schedule for radiograph on 5/23/05.
2. Monitor daily for any improvement of left leg usage.

Treatment:

1. Start ketoprofen - see drugs administered sheet.

Diagnosis: Open, until radiograph. MG.

(A) A2S

Drugs Administered

Animal #: A03068

Eartag #:

Room/Cage # W310 #23

Start Date	End Date	Dose	Drug	Route	Frequency	Duration	Initial
5/18/05	5/18/05	30 mg	Ketoprofen	IM	SID (PM)	1 Day	JA
5/19/05	5/25/05	37.5 mg	Ketoprofen	PO	BID	7 Days	JA
5/23/05	5/23/05	70 mg	Ketoprofen	IM	SID	1 Day	JA
5/23/05	5/23/05	c. 28 mg	Atropine	IM	SID	1 Day	JA
5/23/05	5/23/05	10 mg	Adelcan	IM	SID	1 Day	JA
5/26/05	5/26/05	10 mg	Adelcan	IM	SID	1 Day	JA
5/30/05	5/30/05	10 mg	Adelcan	IM	SID	1 Day	JA
6/2/05	5/24/05	10 mg	Adelcan	IM	SID	1 Day	JA
5/23/05	5/23/05	1 ml Tsp	Synovi-cel	PO	SID	1 Day	JA
5/26/05	5/26/05	1 ml Tsp	Synovi-cel	PO	SID	1 Day	JA

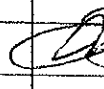
Daily Treatment Record

Animal #: A03068 Eartag #: _____ Room/Cage # W310 #23

Date	BM	Urine	Weight	Treatment	Initial
5/17/05	L	✓		(S/O) - BARR - Lateral - animal moves about cage but not bearing any wt on his L leg. (L) - Condition unchanged	
5/20/05	N			(L) - 37.5 Mg Ketoprofen PO BID 5/25/05 (S/O) N stool, BARR, NAF. (L) foot partially weight bearing. (A) Condition not changed	(NA)
5/21/05	N			(L) - Ketoprofen, 37.5 mg PO BID 5/25/05 (S/O) N stool, BARR, NAF.	(CF)
5/22/05	N			(A) No change (L) - Ketoprofen, 37.5 mg PO BID 5/25/05 (S/O) N stool, BARR, NAF. (L) leg/foot partially weight bearing. (A) Slightly changed	(EP)
5/23/05	N	✓	5.88	(L) - Ketoprofen, 37.5 mg PO BID 5/25/05 (S/O) Anesthetized w/ Ketamine 70mg + Atropine 0.28 mg IM for radiograph + PE. PE: BL is 3, hydration normal, severe crepitation of (L) hip. Radiograph shows (L) femoral head hip articular surface degeneration + osteosclerosis. Rec. surgical repair + extend treatments. (A) (L) femoral head necrosis. (P) - (L) See drug & administered sheet. (2) Notified researcher by email of this animal's condition. (3) DIC Ketoprofen after today.	(EP)
5/24/05	N			(S/O) N stool, BARR, NAF. (A) No change on (L) foot usage (P) - Synovial, 1 teaspoon PO SID 6/23/05	(EP)

Daily Treatment Record

Animal #: A03068 Eartag #: _____ Room/Cage # W310-# 23

Date	BM	Urine	Weight	Treatment	Initial
5-25-05	N			SO: N stool BAR Animal seem to use leg ok A: @ foot usage unchanged P: Synovicare 1 teaspoon PO SID 6/23	
5-26-05	N			SO: N stool BAR Animal was sedated A: condition unchanged P: Synovicare 1 teaspoon PO SID 6/23	RH
5/27/05	N			(stb.) Animal euthanized w/ Pentobarb. sol. sodium (Euthanasia - 5 sol.) 972 mg IV. Necropsy performed by Helli.  see attached email report from Dr. Kelley request for euthanasia	

Joel Ahrens - Aniamal #A03068 - brief clinical summary

From: Steve Kelley
To: Helle Bielefeldt-Ohmann
Date: 5/27/2005 10:17 AM
Subject: Aniamal #A03068 - brief clinical summary
CC: Eben Parrilla; Joel Ahrens; Keith Vogel; Maggie Gillen

Animal #A03068 – brief clinical and research use summary

Species: M. mulatta
Source: TNPRC
DOB: 3/11/01
Age on 5/27/05: 4.21 yrs.
Recd @ WaNPRC: 3/13/03

Summary of clinical history.

Completed arrival quarantine on 4/22/03; quarantine clinical history was uneventful. Treated for abrasion to left 2nd digit 1/12/04 – 1/14/04 with good response to Rx. PE on 3/2/05 revealed a scab on the chin and peripheral lymphadenopathy. The animal escaped from its cage on 2/26/05 along with a male; no evidence of external trauma. 2/28/05 rt leg lameness obsvd, resolved spontaneously. 4/7/05 – abdominal ultrasound to determine if pregnant – determined not to be pregnant. 5/18/05 obsv favoring left leg. PE reveal marked crepitation of left hip joint with associated decreased thigh muscle mass. Radiography on 5/23/05 revealed marked articular changes and degeneration involving the left femoral head and neck and acetabulum. Analgesic therapy was initiated 5/18/05. There was some improvement in movement observed but the degree of changes observed in the radiograph suggested that surgical treatment for the marked articular changes was indicated; if surgery was not warranted, then it was recommended that the animal be euthanized. This information was transmitted to the PI and it was determined to euthanize the animal. The animal was euthanized on 5/27/05.

Summary of experimental history (what is available in ARS).

11/10/03 assigned to Stamatotos project 01 01. 5/18/05 – IM and SQ injections of exp vaccine dV2gp140 alphavirus particles. Sedated for fluid collection (blood) multiple. 8/5/04 - IM injection of exp vaccine dV2gp140 alphavirus particles. 2/9/05 IM injection of exp vaccine DV2 protein in Mp35.

STK

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Clinical Treatment Data Sheet

Animal #: A03068

Eartag #: _____

Room/Cage #: W310

Species: Mm Sex: F Clinical: ☒ Research: ☐

Investigator: Stamatatos Project #: 01 -01

Clinical Start Date: 3/1/05 Clinical End Date: 3/1/05

Experimental Lenti Virus: none

Inoculation/Exposure date: _____

Statistics:

Rectal Temp: _____ Heart Rate: _____ RespRate: _____ Weight: 5.73

Experimental Procedure:

Clinical Signs: Loose in romm 2/26/05 - 2/27/05. Vet staff noted right rear weight bearing lameness without visible external trauma 2/28/05. PWB reported 2/28/05, favoring right leg with minimal weight bearing. Cage side observation, 3/1/05, BAR, adequate hydration, normal stool, slight right rear lameness while bearing weight. Weight: 5.73 kg, 2/23/05, weight stable, hematology WNL, 7/9/03. Hct WNL, 2/23/05, CD4: 1149, 4/22/03.

Clinical Exam: NA

Plan: Continue routine daily monitoring by vet staff - record abnormalities only. Continue research monitoring protocol. Schedule routine chemistry screen at next research sedation. Depending upon research protocol, schedule routine TB test.

Treatment:

Diagnosis: None, by: KVV

UW National Primate Research Center
Virology / Immunology Lab Services
Hematology & Subset Analysis

FINAL SAMPLE REPORT

Page: 1

Animal ID: **A03068**

Reported: 05/04/05

Species: Rhesus (Misc. 4)

Requester: LaRene Kuller

Project: Stomatatos 01-01

Lab No: 05040516

Drawn: 05/04/05

Rec'd: 05/04/0510

Tech: HM

Comments:

PROCEDURE	NORMAL	ABNORMAL	UNITS	REFERENCE RANGE
*** HEMATOLOGY ***				
WBC	7.7		x10 ³ /uL	
RBC	5.51		x10 ⁶ /uL	
HEMOGLOBIN	13.0		g/dL	
HEMATOCRIT (PCV)	39.3		%	
MCV	71		fL	
MCH	23.6		pg	
MCHC	33.2		g/dL	
RDW	13.5		%	
PLATELET COUNT	369		x10 ³ /uL	
MPV	9.3		fL	
NEUTROPHIL %	44.4		%	
LYMPHOCYTE %	46.3		%	
MONOCYTE %	6.8		%	
EOSINOPHIL %	1.7		%	
BASOPHIL %	0.8		%	
ATYPICAL LYMPHOCYTE % (RUO)	2.1		%	
IMMATURE WBC % (RUO)	0.7		%	
NEUTROPHIL #	3.40		x10 ³ /uL	
LYMPHOCYTE #	3.54		x10 ³ /uL	
MONOCYTE #	0.52		x10 ³ /uL	
EOSINOPHILS #	0.13		x10 ³ /uL	
BASOPHIL #	0.06		x10 ³ /uL	
ATYPICAL LYMPHOCYTE # (RUO)	0.16		x10 ³ /uL	
IMMATURE WBC # (RUO)	0.06		x10 ³ /uL	

WaNPRC Physical Examination

Date: 4/7/05

Animal: A03068

Weight: 5.87 kg

Species: MM

Room/Cage: W310 #21

Sex: Female

Project #: Stamatatos, 0101

☐ Quarantine exit ☐ Domestic ☐ International

☐ Pre-Assignment

☐ Pre-surgical Surgery Date: Procedure:

Other: PE and Ultrasound for pregnancy.

Sedation:

80 mg ketamine

0.32 mg atropine

mg telazol

mg atropine

Other:

Rectal temp:

Diagnostic tests: Amt. blood drawn: ml

Body Condition Score (check one): ☐ 0 ☐ 1 ☐ 2 ☒ 3 ☐ 4 ☐ 5

Hydration assessment (check one): ☒ Adequate ☐ 3-5% ☐ 5-7% ☐ 10-12% ☐ 12-15%

Oral/Dental/Gastro-intestinal: ☒ WNL

Comments:

Skin/Hair: ☒ WNL

Comments:

Musculoskeletal/Abdominal: ☒ WNL

Comments:

Cardiovascular/Pulmonary/Respiratory: ☒ WNL

Comments:

Urogenital/ObGyn: ☒ WNL

Comments:

Neurological: ☒ WNL

Comments:

Lymphatic: ☒ WNL

Comments:

☐ Approved for release from quarantine

Release Date:

☐ Not Approved for release (comment required)

Comments:

☐ Approved for project assignment

☐ Not approved for assignment (comment required)

Comments:

☐ Approved for surgery

☐ Not approved for surgery (comment required)

Comments:

Comments: Ultrasound Result: Non pregnant state. Rec. recheck in 1 month.

Exam performed by: KV

WaNPRC Physical Examination

Date: 3/2/05

Animal: A03068 Weight: 5.57 kg
Species: Mn Room/Cage: W310 #21
Sex: Female Project #: Stamatatos, 0101

☐ Quarantine exit ☐ Domestic ☐ International

☐ Pre-Assignment

☐ Pre-surgical Surgery Date: _____ Procedure: _____

Other: PE by vetstaff. Animal escaped from her cage on 2/2705.

Sedation:

Research sedated mg ketamine Research sedated mg atropine

mg telazol mg atropine

Other: _____

Rectal temp: 101.0

Diagnostic tests: Chemistry Amt. blood drawn: 1 ml

Body Condition Score (check one): ☐ 0 ☐ 1 ☐ 2 ☒ 3 ☐ 4 ☐ 5

Hydration assessment (check one): ☒ Adequate ☐ 3-5% ☐ 5-7% ☐ 10-12% ☐ 12-15%

Oral/Dental/Gastro-intestinal: ☒ WNL

Comments: _____

Skin/Hair: ☐ WNL

Comments: small wound scabbing on chin. No abnormality of right leg during palpation.

Musculoskeletal/Abdominal: ☒ WNL

Comments: _____

Cardiovascular/Pulmonary/Respiratory: ☒ WNL

Comments: _____

Urogenital/ObGyn: ☒ WNL

Comments: _____

Neurological: ☒ WNL

Comments: _____

Lymphatic: ☐ WNL

Comments: Lympadenopathy

☐ Approved for release from quarantine

Release Date: _____

☐ Not Approved for release (comment required)

Comments: _____

☐ Approved for project assignment

☐ Not approved for assignment (comment required)

Comments: _____

☐ Approved for surgery

☐ Not approved for surgery (comment required)

Comments: _____

Comments: Rec. manual palpation or ultrasound for pregnancy on 3/27/05. Escaped out of her cage with A03071 (male).

Exam performed by: JA

UW National Primate Research Center
 Virology / Immunology Lab Services
 Hematology & Subset Analysis

FINAL SAMPLE REPORT

Page: 1

Animal ID: **A03068**

Reported: 03/09/05

Species: Rhesus (Misc. 4)

Requester: LaRene Kuller

Project: Stomatatos 01-01

Lab No: 03090503

Drawn: 03/09/05

Rec'd: 03/09/0509

Tech: HM

Comments:

PROCEDURE	NORMAL	ABNORMAL	UNITS	REFERENCE RANGE
*** HEMATOLOGY ***				
WBC	5.1		x10 ³ /uL	
RBC	4.77		x10 ⁶ /uL	
HEMOGLOBIN	11.1		g/dL	
HEMATOCRIT (PCV)	34.2		%	
MCV	72		fL	
MCH	23.3		pg	
MCHC	32.5		g/dL	
RDW	13.3		%	
PLATELET COUNT	202		x10 ³ /uL	
MPV	11.1		fL	
NEUTROPHIL %	34.1		%	
LYMPHOCYTE %	58.5		%	
MONOCYTE %	4.8		%	
EOSINOPHIL %	2.1		%	
BASOPHIL %	0.5		%	
ATYPICAL LYMPHOCYTE % (RUO)	2.3		%	
IMMATURE WBC % (RUO)	0.5		%	
NEUTROPHIL #	1.74		x10 ³ /uL	
LYMPHOCYTE #	2.99		x10 ³ /uL	
MONOCYTE #	0.25		x10 ³ /uL	
EOSINOPHILS #	0.11		x10 ³ /uL	
BASOPHIL #	0.03		x10 ³ /uL	
ATYPICAL LYMPHOCYTE # (RUO)	0.12		x10 ³ /uL	
IMMATURE WBC # (RUO)	0.03		x10 ³ /uL	

03/03/2005

UNIVERSITY OF WASHINGTON MEDICAL CENTER

CUMULATIVE SUMMARY

05:02

INCLUDING LABORATORIES AT UWMC, HMC AND SCC

PAGE 1

CAP 24637-01, 24637-16, 24637-19, 24637-30, 24637-35, 24633-01

Name: MONKEY,A03068

UWMC Pt #: RTS-117234

Loc: RTS

Age:

Sex: U

Acct: 5550052

W57374 COLL: 03/02/2005 UNKNOWN REC: 03/02/2005 14:39

Auto Multichannel Tests (93)

Sodium	* 148	[136-145]	mEq/L
Potassium	3.8	[3.7-5.2]	mEq/L
Chloride	* 109	[98-108]	mEq/L
Glucose	* 35	[62-125]	mg/dL
Urea Nitrogen	15	[8-21]	mg/dL
Creatinine	0.6	[0.3-1.2]	mg/dL
Protein (Total)	6.4	[6.0-8.2]	g/dL
Albumin	* 3.4	[3.5-5.2]	g/dL
Bilirubin (Total)	0.4	[0.2-1.3]	mg/dL
NOTE: New reference range effective 11/1/2004.			
Calcium	* 10.3	[8.9-10.2]	mg/dL
Phosphate	* 6.0	[2.5-4.5]	mg/dL
Cholesterol (Total)	185	[<200]	mg/dL

Reference Range (per NCEP Recommendations)

Desirable: <200 mg/dL

Borderline: 200-239 mg/dL

High: >239 mg/dL

Alkaline Phosphatase (Total)

* 296 [36-122] U/L

No age and/or sex provided. Reference range shown is a default range. Specific reference ranges may be obtained by calling the laboratory.

Alanine Aminotransferase_GPT

20 [12-59] U/L

No age and/or sex provided. Reference range shown is a default range. Specific reference ranges may be obtained by calling the laboratory.

Aspartate Aminotransferase_GOT

39 [10-44] U/L

No age and/or sex provided. Reference range shown is a default range. Specific reference ranges may be obtained by calling the laboratory.

Gamma Glutamyl Transferase

38 [0-65] U/L

No age and/or sex provided. Reference range shown is a default range. Specific reference ranges may be obtained by calling the laboratory.

END OF REPORT

MONKEY,A03068

RTS-117234

PAGE 1
FINAL REPORT
03/03/2005

FINAL SAMPLE REPORT

Reported: 02/23/05

Requester: LaRene Kuller

Project: Stomatatos 01-01

Drawn: 02/23/05

Rec'd: 02/23/0511

Tech: HM

Comments:

PROCEDURE	NORMAL	ABNORMAL	UNITS	REFERENCE RANGE
*** HEMATOLOGY ***				
WBC	6.7		x10 ³ /uL	
RBC	5.18		x10 ⁶ /uL	
HEMOGLOBIN	12.3		g/dL	
HEMATOCRIT (PCV)	37.0		%	
MCV	71		fL	
MCH	23.8		pg	
MCHC	33.3		g/dL	
RDW	13.6		%	
PLATELET COUNT	377		x10 ³ /uL	
MPV	9.7		fL	
NEUTROPHIL %	32.5		%	
LYMPHOCYTE %	53.8		%	
MONOCYTE %	6.1		%	
EOSINOPHIL %	6.9		%	
BASOPHIL %	0.7		%	
ATYPICAL LYMPHOCYTE % (RUO)	3.4		%	
IMMATURE WBC % (RUO)	1.0		%	
NEUTROPHIL #	2.18		x10 ³ /uL	
LYMPHOCYTE #	3.60		x10 ³ /uL	
MONOCYTE #	0.41		x10 ³ /uL	
EOSINOPHILS #	0.46		x10 ³ /uL	
BASOPHIL #	0.05		x10 ³ /uL	
ATYPICAL LYMPHOCYTE # (RUO)	0.23		x10 ³ /uL	
IMMATURE WBC # (RUO)	0.06		x10 ³ /uL	

UW National Primate Research Center
Virology / Immunology Lab Services
Hematology & Subset Analysis

FINAL SAMPLE REPORT

Page: 1

Animal ID: **A03068**

Reported: 02/09/05

Species: Rhesus (Misc. 4)

Requester: LaRene Kuller

Project: Stomatatos 01-01

Lab No: 02090512

Drawn: 02/09/05

Rec'd: 02/09/0509

Tech: HM

Comments:

PROCEDURE	NORMAL	ABNORMAL	UNITS	REFERENCE RANGE
*** HEMATOLOGY ***				
WBC	8.9		$\times 10^3/\mu\text{L}$	
RBC	5.52		$\times 10^6/\mu\text{L}$	
HEMOGLOBIN	12.9		g/dL	
HEMATOCRIT (PCV)	40.0		%	
MCV	72		fL	
MCH	23.3		pg	
MCHC	32.2		g/dL	
RDW	13.5		%	
PLATELET COUNT	206		$\times 10^3/\mu\text{L}$	
MPV	10.5		fL	
NEUTROPHIL %	33.2		%	
LYMPHOCYTE %	58.5		%	
MONOCYTE %	5.7		%	
EOSINOPHIL %	1.8		%	
BASOPHIL %	0.8		%	
ATYPICAL LYMPHOCYTE % (RUO)	2.6		%	
IMMATURE WBC % (RUO)	1.2		%	
NEUTROPHIL #	2.95		$\times 10^3/\mu\text{L}$	
LYMPHOCYTE #	5.20		$\times 10^3/\mu\text{L}$	
MONOCYTE #	0.51		$\times 10^3/\mu\text{L}$	
EOSINOPHILS #	0.16		$\times 10^3/\mu\text{L}$	
BASOPHIL #	0.07		$\times 10^3/\mu\text{L}$	
ATYPICAL LYMPHOCYTE # (RUO)	0.23		$\times 10^3/\mu\text{L}$	
IMMATURE WBC # (RUO)	0.11		$\times 10^3/\mu\text{L}$	

Clinical Treatment Data Sheet

Animal #: A03068

Eartag #: _____

Room/Cage #: 459 ✓

Species: mm Sex: ♂ Clinical: ☒ Research: ☐

Investigator: SLAUTER Project #: _____

Clinical Start Date: 1/12/04 Clinical End Date: 1.14.04

Statistics:

Rectal Temp: _____ Heart Rate: _____ RespRate: _____ Weight: _____

Experimental Procedure:

Clinical Signs: ANIMAL has scratch on left hand medial aspect of second finger. Does not require sedation. Should dry up and heal on own.

Clinical Exam:

Plan: 1/2 cc Pen G. monitor finger next 1-2 days and close case.

Treatment:

Diagnosis: TRAUMA

m.b.

Diagnostic Data Sheet

Animal #:

Eartag #:

Room/Cage #:

Species: _____ **Sex:** _____ **Clinical:** ☐ **Research:** ☐

Investigator: _____ Project #: _____

Clinical Start Date: _____ **Clinical End Date:** _____

Statistics: Rectal Temp: Heart Rate: RespRate: Weight:

[illegible][illegible]

Drugs Administered

Animal #: A03066 Eartag #: _____ Room/Cage # 459

[illegible]

Drugs Administered

Animal #: _____ Eartag #: _____ Room/Cage # _____

[illegible]

Family Treatment Record

Animal #: A03069 Eartag #: _____ Room/Cage # 459

[illegible]

Daily Treatment Record

Animal #: _____ **Eartag #:** _____ **Room/Cage #** _____

[illegible]

UW Primate Research Center
Virology / Immunology Lab Services
Hematology & Subset Analysis

FINAL SAMPLE REPORT

Page: 1

Animal ID: **A03068**

Reported: 11/30/04

Species: Rhesus (Misc. 4)

Requester: LaRene Kuller

Project: Stomatatos 01-01

Lab No: 11300425

Drawn: 11/30/04

Rec'd: 11/30/0413

Tech: HM

Comments:

PROCEDURE	NORMAL	ABNORMAL	UNITS	REFERENCE RANGE
*** HEMATOLOGY ***				
WBC	7.8		x10 ³ /uL	
RBC	5.80		x10 ⁶ /uL	
HEMOGLOBIN	13.6		g/dL	
HEMATOCRIT (PCV)	41.8		%	
MCV	72		fL	
MCH	23.5		pg	
MCHC	32.6		g/dL	
RDW	13.4		%	
PLATELET COUNT	434		x10 ³ /uL	
MPV	9.2		fL	
NEUTROPHIL %	51.7		%	
LYMPHOCYTE %	40.0		%	
MONOCYTE %	6.2		%	
EOSINOPHIL %	1.6		%	
BASOPHIL %	0.5		%	
ATYPICAL LYMPHOCYTE % (RUO)	2.0		%	
IMMATURE WBC % (RUO)	1.0		%	
NEUTROPHIL #	4.04		x10 ³ /uL	
LYMPHOCYTE #	3.13		x10 ³ /uL	
MONOCYTE #	0.49		x10 ³ /uL	
EOSINOPHILS #	0.13		x10 ³ /uL	
BASOPHIL #	0.04		x10 ³ /uL	
ATYPICAL LYMPHOCYTE # (RUO)	0.15		x10 ³ /uL	
IMMATURE WBC # (RUO)	0.08		x10 ³ /uL	

FINAL SAMPLE REPORT

Reported: 10/05/04

Requester: LaRene Kuller

Project: Stomatatos 01-01

Drawn: 10/05/04

Rec'd: 10/05/0414

Tech: HM

Comments:

PROCEDURE	NORMAL	ABNORMAL	UNITS	REFERENCE RANGE
*** HEMATOLOGY ***				
WBC	6.4		x10 ³ /uL	
RBC	5.34		x10 ⁶ /uL	
HEMOGLOBIN	12.5		g/dL	
HEMATOCRIT (PCV)	38.6		%	
MCV	72		fL	
MCH	23.5		pg	
MCHC	32.5		g/dL	
RDW	13.6		%	
PLATELET COUNT	430		x10 ³ /uL	
MPV	9.2		fL	
NEUTROPHIL %	35.4		%	
LYMPHOCYTE %	57.1		%	
MONOCYTE %	5.4		%	
EOSINOPHIL %	1.4		%	
BASOPHIL %	0.7		%	
ATYPICAL LYMPHOCYTE % (RUO)	2.7		%	
IMMATURE WBC % (RUO)	0.5		%	
NEUTROPHIL #	2.26		x10 ³ /uL	
LYMPHOCYTE #	3.64		x10 ³ /uL	
MONOCYTE #	0.34		x10 ³ /uL	
EOSINOPHILS #	0.09		x10 ³ /uL	
BASOPHIL #	0.04		x10 ³ /uL	
ATYPICAL LYMPHOCYTE # (RUO)	0.17		x10 ³ /uL	
IMMATURE WBC # (RUO)	0.03		x10 ³ /uL	

Clinical Treatment Data Sheet

Animal #: A03068

Eartag #: _____

Room/Cage #: W315 #5

Species: MM Sex: Female Clinical: ☒ Research: ☐

Investigator: Stamatatos Project #: 0101

Clinical Start Date: 9/13/04 Clinical End Date: 9/13/04

Experimental Lenti Virus: _____

Inoculation/Exposure date: _____

Statistics:

Rectal Temp: _____ Heart Rate: _____ RespRate: _____ Weight: 5.54 kg
(9/7/04)

Experimental Procedure:

Clinical Signs: PWB reported animal exhibits self abusive behavior from stress.

Clinical Exam:

Plan:

1. Monitor for any self abusive behavior after move.
2. Discharge if no sign of abusive behavior after move.

Treatment:

1. Administer 5 mg acepromazine po SID (AM) before animal move.

Diagnosis: Prophylactic treatment associated with animal move.



・ 5

from W315 to W310

[illegible]

UW ? tional Primate Research Center
Virology / Immunology Lab Services
Hematology & Subset Analysis

FINAL SAMPLE REPORT

Page: 1

Animal ID: **A03068**

Reported: 09/07/04

Species: Rhesus (Misc. 4)

Requester: LaRene Kuller

Project: Stomatatos 01-01

Lab No: 09070438

Drawn: 09/07/04

Rec'd: 09/07/0414

Tech: HM

Comments:

PROCEDURE	NORMAL	ABNORMAL	UNITS	REFERENCE RANGE
*** HEMATOLOGY ***				
WBC	7.3		x10 ³ /uL	
RBC	5.58		x10 ⁶ /uL	
HEMOGLOBIN	13.3		g/dL	
HEMATOCRIT (PCV)	40.8		%	
MCV	73		fL	
MCH	23.8		pg	
MCHC	32.5		g/dL	
RDW	13.5		%	
PLATELET COUNT	436		x10 ³ /uL	
MPV	9.5		fL	
NEUTROPHIL %	25.4		%	
LYMPHOCYTE %	65.4		%	
MONOCYTE %	7.7		%	
EOSINOPHIL %	0.7		%	
BASOPHIL %	0.8		%	
ATYPICAL LYMPHOCYTE % (RUO)	3.7		%	
IMMATURE WBC % (RUO)	0.7		%	
NEUTROPHIL #	1.87		x10 ³ /uL	
LYMPHOCYTE #	4.80		x10 ³ /uL	
MONOCYTE #	0.57		x10 ³ /uL	
EOSINOPHILS #	0.05		x10 ³ /uL	
BASOPHIL #	0.06		x10 ³ /uL	
ATYPICAL LYMPHOCYTE # (RUO)	0.27		x10 ³ /uL	
IMMATURE WBC # (RUO)	0.05		x10 ³ /uL	

UW National Primate Research Center
Virology / Immunology Lab Services
Hematology & Subset Analysis

FINAL SAMPLE REPORT

Page: 1

Animal ID: **A03068**

Reported: 07/13/04

Species: Rhesus (Misc. 4)

Requester: LaRene Kuller

Project: Stomatatos 01-01

Lab No: 07130420

Drawn: 07/13/04

Rec'd: 07/13/0413

Tech: HM

Comments:

PROCEDURE	NORMAL	ABNORMAL	UNITS	REFERENCE RANGE
*** HEMATOLOGY ***				
WBC	6.8		x10 ³ /uL	
RBC	5.08		x10 ⁶ /uL	
HEMOGLOBIN	12.3		g/dL	
HEMATOCRIT (PCV)	37.5		%	
MCV	74		fL	
MCH	24.2		pg	
MCHC	32.8		g/dL	
RDW	13.1		%	
PLATELET COUNT	436		x10 ³ /uL	
MPV	9.5		fL	
NEUTROPHIL %	50.0		%	
LYMPHOCYTE %	37.5		%	
MONOCYTE %	10.3		%	
EOSINOPHIL %	1.6		%	
BASOPHIL %	0.6		%	
ATYPICAL LYMPHOCYTE % (RUO)	3.4		%	
IMMATURE WBC % (RUO)	0.9		%	
NEUTROPHIL #	3.40		x10 ³ /uL	
LYMPHOCYTE #	2.55		x10 ³ /uL	
MONOCYTE #	0.70		x10 ³ /uL	
EOSINOPHILS #	0.11		x10 ³ /uL	
BASOPHIL #	0.04		x10 ³ /uL	
ATYPICAL LYMPHOCYTE # (RUO)	0.23		x10 ³ /uL	
IMMATURE WBC # (RUO)	0.06		x10 ³ /uL	

UW National Primate Research Center
 Virology / Immunology Lab Services
 Hematology & Subset Analysis

FINAL SAMPLE REPORT

Page: 1

Animal ID: **A03068**
 Species: Rhesus (Misc. 4)
 Comments: Stomatatos 01-01

Reported: 06/21/04 16:54
 Requester: LaRene Kuller

Lab No: 06170413 Drawn: 06/17/04 14:28 Tech: JV Rec'd: 06/17/04 14:28 Tech: JV
 Comments:

PROCEDURE	NORMAL	ABNORMAL	UNITS	REFERENCE RANGE
*** HEMATOLOGY ***				
WBC	6.5		x10 ³ /uL	
RBC	5.24		x10 ⁶ /uL	
HEMOGLOBIN	12.4		g/dL	
HEMATOCRIT (PCV)	38.0		%	
MCV	73		fL	
MCH	23.8		pg	
MCHC	32.8		g/dL	
RDW	14.1		%	
PLATELET COUNT	459		x10 ³ /uL	
MPV	9.0		fL	
NEUTROPHIL %	57.4		%	
LYMPHOCYTE %	33.6		%	
MONOCYTE %	7.2		%	
EOSINOPHIL %	1.2		%	
BASOPHIL %	0.6		%	
ATYPICAL LYMPHOCYTE % (RUO)	2.0		%	
IMMATURE WBC % (RUO)	0.8		%	
NEUTROPHIL #	3.70		x10 ³ /uL	
LYMPHOCYTE #	2.17		x10 ³ /uL	
MONOCYTE #	0.46		x10 ³ /uL	
EOSINOPHILS #	0.08		x10 ³ /uL	
BASOPHIL #	0.04		x10 ³ /uL	
ATYPICAL LYMPHOCYTE # (RUO)	0.13		x10 ³ /uL	
IMMATURE WBC # (RUO)	0.05		x10 ³ /uL	

UW Primate Research Center
 Virology / Immunology Lab Services
 Hematology & Subset Analysis

FINAL SAMPLE REPORT

Page: 1

Animal ID: **A03068**
 Species: Rhesus (Misc. 4)
 DOB: 03/11/01 Sex: F
 Comments: Stomatatos 01-01

Reported: 05/18/04 11:52
 Requester: LaRene Kuller
 Species Range: Misc. 4

 Lab No: 05180406 Drawn: 05/18/04 11:33 Tech: HM Rec'd: 05/18/04 11:33 Tech: HM
 Comments: -----

PROCEDURE	NORMAL	ABNORMAL	UNITS	REFERENCE RANGE
*** HEMATOLOGY ***				
WBC	6.8		x10 ³ /uL	
RBC	5.24		x10 ⁶ /uL	
HEMOGLOBIN	12.6		g/dL	
HEMATOCRIT (PCV)	37.2		%	
MCV	70.9		fL	
MCH	24.1		pg	
MCHC	34.0		g/dL	
RDW	13.5		%	
PLATELET COUNT	401		x10 ³ /uL	
MPV	10.3		fL	
LYMPHOCYTE %	60.1		%	
*				
MONOCYTE %	10.4		%	
*				
GRANULOCYTE %	29.5		%	
LYMPHOCYTE #	4.1		x10 ³ /uL	
*				
MONOCYTE #	0.7		x10 ³ /uL	
*				
GRANULOCYTE #	2.0		x10 ³ /uL	

07/24/2003
06:15

UNIVERSITY OF WASHINGTON MEDICAL CENTER
INCLUDING LABORATORIES AT UWMC, HMC AND SCCA
CAP 24637-01, 24637-16, 24637-19, 24637-30, 24637-35, 24633-01

CUMULATIVE SUMMARY
PAGE 1

Name: CPMDONKEY, A03068
UWMC Pt #: RTS-92081
Acct: 5550052

Loc: RTS Age: Sex: U

F20155 COLL: 07/18/2003 08:30 REC: 07/18/2003 14:27

Stool C&S + E. coli 0157

Specimen Description
Special Requests
Culture

Rectal Swab

CONTACT JOEL 5416441

1+ Campylobacter jejuni - This is a reportable
organism under WAC 246-101. Please report to
King Co. Health Dept. at (206) 296-4782 within
48 hours. Ciprofloxacin MIC is >32 mcg/ml There
are no NCCLS interpretive criteria for
susceptibility tests performed on this organism

No Aeromonas or Plesiomonas isolated

No E. coli 0157 isolated

No Salmonella or Shigella isolated

Final 07232003

Report Status

J.S.

END OF REPORT

CPMDONKEY, A03068
RTS-92081

PAGE 1
FINAL REPORT
07/24/2003

07/10/2003
07:53

UNIVERSITY OF WASHINGTON MEDICAL CENTER
INCLUT 1 LABORATORIES AT UWMC, HMC AND SCF
CAP 24637-01, 24637-16, 24637-19, 24637-30, 24637-35, 24633-01

CUMULATIVE SUMMARY
PAGE 1

Name: MONKEY, A03068

UWMC Pt #: RTS-91681

Loc: RTS

Age:

Sex: U

Acct: 5550052

Mm, Fe
2 yr 3 mo

W14546 COLL: 07/09/2003 10:00 REC: 07/09/2003 15:22

Auto Multichannel Tests (93)

↑ Sodium	* 152	[136-145]	mEq/L
↓ Potassium	* 3.3	[3.7-5.2]	mEq/L
Chloride	* 109	[98-108]	mEq/L
Glucose	* 45	[62-125]	mg/dL
Urea Nitrogen	18	[8-21]	mg/dL
Creatinine	0.5	[0.3-1.2]	mg/dL
Protein (Total)	6.3	[6.0-8.2]	g/dL
Albumin	3.7	[3.5-5.2]	g/dL
Bilirubin (Total)	0.2	[0.1-1.0]	mg/dL
Calcium	9.9	[8.9-10.2]	mg/dL
↑ Phosphate	* 7.0	[2.5-4.5]	mg/dL
Cholesterol (Total)	159	[<200]	mg/dL

Reference Range (per NCEP Recommendations)

Desirable: <200 mg/dL

Borderline: 200-239 mg/dL

High: >239 mg/dL

↑ Alkaline Phosphatase (Total)

* 659 [36-122] U/L

No age and/or sex provided. Reference range shown is a default range. Specific reference ranges may be obtained by calling the laboratory.

Alanine Aminotransferase_GPT

25 [12-59] U/L

No age and/or sex provided. Reference range shown is a default range. Specific reference ranges may be obtained by calling the laboratory.

Aspartate Aminotransferase_GOT

39 [10-44] U/L

No age and/or sex provided. Reference range shown is a default range. Specific reference ranges may be obtained by calling the laboratory.

Gamma Glutamyl Transferase

46 [0-65] U/L

No age and/or sex provided. Reference range shown is a default range. Specific reference ranges may be obtained by calling the laboratory.

CBC, Diff 2, Platelet

↓ WBC

* 4.25 [4.3-10.0] THOU/uL

No age and/or sex provided. Reference range shown is a default range. Specific reference ranges may be obtained by calling the laboratory.

CONTINUED

MONKEY, A03068
RTS-91681

A.S.

PAGE 1
FINAL REPORT
07/10/2003

07/10/2003
07:53

UNIVERSITY OF WASHINGTON MEDICAL CENTER
INCLUT 3 LABORATORIES AT UWMC, HMC AND SCF
CAP 24637-01, 24637-16, 24637-19, 24637-30, 24637-35, 24633-01

CUMULATIVE SUMMARY
PAGE 2

Name: MONKEY,A03068
UWMC Pt #: RTS-91681
Acct: 5550052

Loc: RTS

Age:

Sex: U

W14546 COLL: 07/09/2003 10:00 REC: 07/09/2003 15:22

CBC, Diff 2, Platelet

(CONTINUED)

↓ RBC	5.40	[4.40-5.60]	mil/uL
— Hemoglobin	* 12.6	[13.0-18.0]	g/dL
— Hematocrit	40	[38-50]	%
↑ MCV	* 74	[81-98]	fL
MCH	* 23.3	[27.3-33.6]	pg
MCHC	* 31.7	[32.3-35.7]	g/dL
— Platelet Count	* 402	[150-400]	THOU/uL
↓ Neutrophils	* 1.11	[1.80-7.00]	THOU/uL
— Lymphocytes	3.05	[1.00-4.80]	THOU/uL
Monocytes	0.09	[0-0.80]	THOU/uL

END OF REPORT

MONKEY,A03068
RTS-91681

PAGE 2
FINAL REPORT
07/10/2003

WaNPRC Physical Examination

Date: 4/22/03

Room/Cage #: _____

Animal: A03068 Weight: 2.98 g

Species: MM Room/Cage: W316 #34

Sex: F Project #: Quarantine, 5701

☒ Quarantine exit ☒ Domestic ☐ International

☐ Pre-Assignment

☐ Pre-surgical Surgery Date: _____ Procedure: _____

Other: _____

Sedation: 50 mg ketamine 0.3 0.012 mg #10 ml atropine

50 mg telazol 0.3 ml atropine

Other: _____

Rectal temp: _____

Diagnostic tests: CBC/Chemistry, Subset, SER + STCV

Body Condition Score (check one): ☐ 0 ☐ 1 ☐ 2 ☒ 3 ☐ 4 ☐ 5

Hydration assessment (check one): ☒ Adequate ☐ 3-5% ☐ 5-7% ☐ 10-12% ☐ 12-15%

Oral/Dental/Gastro-intestinal: ☒ WNL

Comments: _____

Skin/Hair: ☒ WNL

Comments: _____

Musculoskeletal/Abdominal: ☒ WNL

Comments: _____

Cardiovascular/Pulmonary/Respiratory: ☒ WNL

Comments: _____

Urogenital/ObGyn: ☒ WNL

Comments: _____

Neurological: ☒ WNL

Comments: _____

Lymphatic: ☒ WNL

Comments: _____

☒ Approved for release from quarantine

☐ Not Approved for release (comment required)

Comments: _____

☐ Approved for project assignment

☐ Not approved for assignment (comment required)

Comments: _____

☐ Approved for surgery

☐ Not approved for surgery (comment required)

Comments: _____

Comments: Tatoo performed.

Exam performed by: H. Geibel

04/23/2003
07:57

UNIVERSITY OF WASHINGTON MEDICAL CENTER
INCLUDING LABORATORIES AT UWMC, HMC AND SCCA
CAP 24637-01, 24637-16, 24637-19, 24637-30, 24637-35, 24633-01

CUMULATIVE SUMMARY
PAGE 1

Name: MONKEY, A03068
UWMC Pt #: RTS-88417
Acct: 5550052

Loc: RTS Age: Sex: U

T53513 COLL: 04/22/2003 UNKNOWN REC: 04/22/2003 15:17

Auto Multichannel Tests (93)

Sodium	* 148	[136-145]	mEq/L
↓ Potassium	* 3.3	[3.7-5.2]	mEq/L
Chloride	106	[98-108]	mEq/L
Glucose	* 31	[62-125]	mg/dL
↑ Urea Nitrogen	* 26	[8-21]	mg/dL
Creatinine	0.6	[0.3-1.2]	mg/dL
Protein (Total)	6.4	[6.0-8.2]	g/dL
Albumin	* 3.4	[3.5-5.2]	g/dL
Bilirubin (Total)	0.3	[0.1-1.0]	mg/dL
Calcium	10.2	[8.9-10.2]	mg/dL
↑ Phosphate	* 5.7	[2.5-4.5]	mg/dL

Note new Phosphate reference range effective
02/19/03.

Cholesterol (Total) 145 [(200)] mg/dL
Reference Range (per NCEP Recommendations)
Desirable: <200 mg/dL
Borderline: 200-239 mg/dL
High: >239 mg/dL

↑ Alkaline Phosphatase (Total) * 621 [36-122] U/L
No age and/or sex provided. Reference range
shown is a default range. Specific
reference ranges may be obtained by
calling the laboratory.

Alanine Aminotransferase_GPT 17 [12-59] U/L
No age and/or sex provided. Reference range shown
is a default range. Specific reference ranges
may be obtained by calling the laboratory.

Aspartate Aminotransferase_GOT 35 [10-44] U/L
No age and/or sex provided. Reference range shown
is a default range. Specific reference ranges
may be obtained by calling the laboratory.

Gamma Glutamyl Transferase 40 [0-65] U/L
No age and/or sex provided. Reference range shown
is a default range. Specific reference ranges
may be obtained by calling the laboratory.

A.S.

END OF REPORT

MONKEY, A03068
RTS-88417

PAGE 1
FINAL REPORT
04/23/2003