

Clinical Pathology Records - Specimen Report
ABILENE ZOOLOGICAL GARDENS

LOXODONTA AFRICANA (no subsp)
African elephant
Name: TANYA

Sex: Female
Age: 28Y Est.

Acc. #: 356
Birth: 24.Nov.1979

Collection Information >>

Health Status: Normal
Fasting Time: < 8 hours
Activity: Calm
Manual restraint used.

Date of Collection: 4.Oct.2007
Time of Collection:
Collected by: DI
Sample Collection Site: EAR VEIN

Chemistry >>

Analysis Information >>

Chemistry Sample: Serum
Storage: Refrigerated (<48 hours)
Sample Quality: No quality problems.

Laboratory: TVMDL
Date of Analysis: 5.Oct.2007
Time of Analysis:
Analysis by:
Automated analysis.

Tests and Results >>

ISIS Reference Values >>

				Mean	S.D.	Min.	Max.	(N)
GLUCOSE	MG/DL		91	84±	15	38	174	(1437)
BUN	MG/DL	<<	2.3	10±	3	0	22	(1458)
CREAT.	MG/DL		1.35	1.5±	0.5	0.0	11.0	(1405)
BUN/Cr ratio			1.70					
CA	MG/DL	>>	12.4	10.9±	0.6	8.1	15.3	(1434)
PHOS	MG/DL		4.65	4.9±	0.8	2.8	8.2	(1291)
Ca/P ratio			2.67					
T.PROT. (C)	GM/DL		8.0	7.7±	0.6	5.8	10.5	(1261)
ALBUMIN (C)	GM/DL		3.2	3.6±	0.4	2.4	5.2	(1145)
GLOBULIN (C)	GM/DL	>	4.8	4.1±	0.5	2.6	6.4	(1135)
Alb/Glob rat			0.667					
AST (SGOT)	IU/L		15	24±	10	6	93	(1398)
T. BILI.	MG/DL		0.12	0.2±	0.1	0.0	1.0	(1187)
ALK.PHOS.	IU/L	<	65	128±	61	32	441	(1404)
LDH	IU/L	<	376.5	988±	568	157	4306	(1099)
CPK	IU/L		356	256±	196	18	1884	(247)
A/G RATIO	GM/DL		0.67					
GGT	IU/L		11	12±	5	0	37	(389)

Comments >>

Bacteriology
Routine culture- Feces
Isolates: Yeast, Enterics, Negative Culture Salmonella

Molecular Diagnostics

PCR cancelled per bacteriology results-- Dr. Sneed/et

Virology

Encephalomyocarditis (SN): Negative <4

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Acc. #: 356
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Collection Information >>
Health Status: Normal
Fasting Time: < 8 hours
Activity: Calm
Manual restraint used.

Date of Collection: 4.Oct.2007
Time of Collection:
Collected by: DI
Sample Collection Site: EAR VEIN

Hematology >>

Analysis Information >>
Anticoagulant: EDTA
Storage: Refrigerated (<48 hours)
Sample Quality: No quality problems.

Laboratory: TVMDL
Date of Analysis: 5.Oct.2007
Time of Analysis:
Analysis by:
Automated analysis.

Tests and Results >>

WBC	*10 ³ /UL	<	6.6
RBC	*10 ⁶ /UL		3.09
HGB	GM/DL		13.7
HCT	%		40.5
MCV	fL		131
MCH	uug		44.3
MCHC	gm/dL		33.8
SEGS	% (*10 ³ /UL)		26 (1.716)
LYMPHOCYTES	% (*10 ³ /UL)	<	29 (1.914)
MONOCYTES	% (*10 ³ /UL)		42 (2.772)
EOSINOPHILS	% (*10 ³ /UL)		3 (0.198)
PLATE. EST.			480
FIBRINOGEN	MG/DL	>	500

ISIS Reference Values >>

Mean	S.D.	Min.	Max.	(N)
10.50±	2.648	4.500	22.10	(1544)
3.15±	0.40	2.05	4.80	(1480)
13.7±	1.6	7.0	26.1	(1522)
39.5±	4.6	27.0	56.0	(1984)
125.8±	8.1	91.1	190.0	(1466)
43.6±	3.0	34.8	66.8	(1454)
34.7±	2.0	18.4	57.9	(1501)
3.146±	1.695	0.000	11.80	(1224)
4.913±	2.532	0.022	17.40	(1236)
1.513±	1.651	0.000	9.480	(1175)
0.225±	0.273	0.000	2.898	(885)
238±	139	0	600	(70)

Comments >>

Plasma protein 8.0 g/dl
RBC Morph: Normal
WBC Morph: Normal
Hemoparasites: None seen

SUBMISSION DATA:

Genus/species: _____
 Or
 Common name: African Elephant

Accession number(s): Tanya # 356

- Type of sample:
- A. Fecal sample
 - B. Rectal swab
 - C. Skin scraping
 - D. Ear swab or wash
 - E. Oral swab or wash
 - F. Nasal swab or wash
 - G. Tracheal wash/sample
 - H. Gastric wash/sample
 - I. Intestinal wash/sample
 - J. Blood sample
 - K. Urine sample
 - L. Tissue or organ
 - M. Whole or partial parasite
 - N. Not specified
 - O. Other _____
 - P. Unknown
 - Q. Feather

Date collected: 18/10/07
 d d m m y y

Time collected: 10:00

Collected by: TLH

Enclosure: Barn

- Purpose of examination:
- 1. Routine or scheduled
 - 2. Quarantine
 - 3. Follow-up or recheck
 - 4. Shipping or preshipment
 - 5. Diagnostic (problem or illness)
 - 6. Post-mortem
 - 7. Not specified
 - 8. Other _____

- Gross appearance: 1. Typical
 2. Atypical

EXAMINATION DATA:

Date examined: 18/10/07
 d d m m y y

Time examined: 11:42

Examination by: CLA

Storage conditions:

- 1. Room/ambient temperature
- 2. Refrigerated
- 3. Frozen
- 4. Formalin
- 5. Alcohol
- 6. Merthiolate-Iodine-Formalin
- 7. Polyvinyl alcohol
- 8. Other _____

Consistency of stool:

- 1. Liquid or watery
- 2. Soft
- 3. Formed
- 4. Hard or dry

Unusual Characteristics

- 1. Fresh Blood
- 2. Excessive mucus
- 3. Melena or tarry
- 4. Foamy
- 5. visible adult/larval parasites

Description: _____

Resubmit sample: Yes No

>>> For Laboratory Use only <<< (below this line)

TESTS AND RESULTS:

Test performed codes:

- 1. Direct microscopic exam.
- 2. Flotation - Na nitrate
- 3. Formalin concentration
- 4. Baermann Sedimentation
- 5. Centrifugation

- 6. Flotation - Zinc sulfate
- 7. Flotation - sugar
- 8. Gross microscopic exam
- 9. McMaster
- A. Knotts

Quantity codes:

- 1. 1+
- 2. 2+
- 3. 3+
- 4. 4+

TEST PERFORMED

RESULTS

QUANTITY

<u>TEST PERFORMED</u>	<u>RESULTS</u>	<u>QUANTITY</u>
2	Negative	
8	Negative	

Comments: _____



National Veterinary Services Laboratories
1800 Dayton Road Ames, Iowa 50010
Phone (515) 663-7266 Fax (515) 663-7397
Tuberculosis Laboratory Test Report Page 1 of 1
FEDERAL RELAY SERVICE (Voice/TTY/ASCII/Spanish)
1-800-877-8339

***** This is a confidential report for official use only. *****
Accession: 507440 Date Received: 7/27/2007

Establishment No.: TXABIL
ABILENE ZOO
2070 ZOO LANE

Referral Number:
Owner: ABILENE ZOO
City: ABILENE
State: TX

ABILENE, TX 79602
Fax: 3256766084

Preservation:

Retain Tag:

Species: Elephant

NVSL ID	Case #	Sample ID	Animal ID
1722009	0710803	7/24/07	TANYA-356-AFRICAN EL Specimen Submitted TRUNK WASH

Mycobacteria Isolation
Diagnosis: No Isolation Made

1722010	0710804	7/25/07	TANYA-356-AFRICAN EL Specimen Submitted TRUNK WASH
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Mycobacteria Isolation
Diagnosis: No Isolation Made

1722011	0710805	7/26/07	TANYA-356-AFRICAN EL Specimen Submitted TRUNK WASH
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Mycobacteria Isolation
Diagnosis: No Isolation Made

DISTRIBUTION:

Submitter
9/25/2007

Approved By: Sulee Robbe-Austerma
National Veterinary Services Laboratories

Report Start Date
1/1/2007

Specimen Report for WACO / M11307

Report End Date
6/25/2008



Taxonomic name: *Loxodonta africana*

Family: Elephantidae

Common name: African elephant

Order: Proboscidea

Current information

Sex:	Female	Sire ID:	WILD at Unknown Location
Birth type:	Wild Born	Dam ID:	WILD at Unknown Location
Birth Location:	Unknown Location	Rearing:	Unknown
Birthdate-Age:	~ 1979 - 28Y,7M,1D +/-1 Yr.	Hybrid:	Not a hybrid
Time since last Acq:	0Y,8M,1D as of report end date		

<u>Date in</u>	<u>Acquisition - Vendor/local Id</u>	<u>Holder</u>	<u>Disposition - Recipient/local Id</u>	<u>Date out</u>
24 Oct 2007	Loan In from ABILENE / 356	WACO / M11307		

<u>Date</u>	<u>Identifier type</u>	<u>Identifier</u>	<u>Location</u>	<u>Comments</u>
24 Oct 2007	House Name	TANYA		
24 Oct 2007	Regional Studbook #	185	AZA	

<u>Date</u>	<u>Note type</u>	<u>Comments</u>
24 Oct 2007	Acquisition note	ARRIVED TODAY FROM ABILENE ZOO. (JM)
24 Oct 2007	Group behavior	TANYA ARRIVED TODAY. SHE IS BEING STALLED IN STALL 3. ATTEMPTED INTRO WITH TEMBO. TEMBO CAME IN AND SAW TANYA AND RAN BACK TO THE YARD. (RH/MR/CC)
		This comment was added to the following specimens: M11307, 202.
25 Oct 2007	Note	DID 3 SESSIONS WITH TANYA THROUGHOUT THE DAY. SHE DID PROGRESSIVELY QUITE WELL. (RS/RH/MR)
28 Oct 2007	Medical note	STARTED EXTENSIVE FOOT WORK ON TANYA WITH Z4'S GUIDANCE. (MR/RS/MAR)
7 Nov 2007	Medical note	FLAP OF SKIN FOUND UNDER TUSK. BLOOD DROPS FOUND IN STALL #3 AT 4PM. (MAR/RC/MR)
7 Nov 2007	Fecal check/worming	FIRST FECAL CAME BACK NEGATIVE. (JM/MR)
9 Nov 2007	Medical treatment	OPEN WOUND OBSERVED ON RIGHT SIDE OF FACE NEAR THE EYE. WILL MONITOR. APPLIED BETADINE. (MAR/MB/RS)
13 Nov 2007	Note	GIVEN ACCESS TO STALL #1 AND CHUTE THRU LUNCH. (MA/MR)
14 Nov 2007	Note	GIVEN ACCESS TO CHUTE AND STALL 1 THROUGH LUNCH. (RH/MR)
15 Nov 2007	Note	GIVEN ACCESS TO STALL 1 AND CHUTE THROUGH LUNCH. (RC/RH)
16 Nov 2007	Note	GAVE ACCESS TO STALL #1 AND CHUTE AREA.
16 Nov 2007	Medical treatment	APPLIED BETADINE TO SPOTS ON FOREHEAD. (RH/RC)
17 Nov 2007	Note	GAVE ACCESS TO CHUTE WITH HAY. (RC/CC)
17 Nov 2007	Fecal check/worming	2ND FECAL NEGATIVE. (CC/RC)
21 Nov 2007	Medical procedure	RECIEVED ANNUAL VEWT VACCINE
23 Nov 2007	Fecal check/worming	3RD FECAL NEGATIVE. (RH/RC)
28 Nov 2007	Note	3RD CHUTE CONTAINMENT TRAINING. (MR/MAR)
30 Nov 2007	Note	PUT IN DAY YARD WITH ACCESS TO EXHIBIT. WENT ONTO EXHIBIT AT 3PM. EXPLORED BRIEFLY AND RETURNED TO DAY YARD 15 MINUTES LATER. (RC//MAR)
1 Dec 2007	Note	ACCESS TO DAY YARD AND EXHIBIT. (MAR/RC)
3 Dec 2007	Medical treatment	FOUND TO HAVE A CUT ON HER FOREHEAD, 3 ON HER TRUNK AND ONE BY EACH TUSK DURING HER BATH. CUTS ARE BELIEVED TO BE CAUSED WHEN SHE BROKE THE FLAT PLATE YESTERDAY. CUTS TREATED WITH BETADINE. WILL CONTINUE TO MONITOR. (RH/MR)
3 Dec 2007	Note	PLACED ON EXHIBIT DAY 1. (RH/MR)
5 Dec 2007	Medical note	LEFT OF NAIL #1 PM FRONT RIGHT FOOT HAS WEAKNESS IN PAD AND NAIL AREA. WILL CONTINUE TO MONITOR, KEEP CLEAN AND APPLY BETADINE AND KOPERTOXY DAILY UNTIL FURTHER NOTICE. (MR/MAR/RH)
5 Dec 2007	Note	ON EXHIBIT TOGETHER DAY 1. (MR)



This comment was added to the following specimens: M11307, 202.
ON EXHIBIT TOGETHER FOR 2ND DAY. (MAR/MR/RH)

6 Dec 2007 Medical note

This comment was added to the following specimens: M11307, 202.
1ST DAY OF FOOT SOAK TRAINING. (MR/MAR/RH)

6 Dec 2007 Medical note

7 Dec 2007 Medical treatment

RE-OPENED WOUND ON RIGHT EAR. TREATED WITH BETADINE. (MAR)

10 Jan 2008 Medical note

SMALL CUT ABOVE LEFT TUSK. WILL MONITOR. (MAR/MR/RC)

11 Jan 2008 Medical note

APPEAR TO HAVE A CUT ABOVE RIGHT TUSK. WILL MONITOR. (MAR/RC)

28 Jan 2008 Medical note

SMALL SCRATH ON LEFT SIDE OF JAW. (RS/MR)

15 Apr 2008 Medical procedure

1ST TRUNK FLUSH ON ELEPHANTS PERFORMED. (CC/MB)

This comment was added to the following specimens: M11307, 202.

16 Apr 2008 Medical procedure

2ND TRUNK FLUSH PERFORMED.

17 Apr 2008 Medical procedure

3RD TRUNK FLUSH WITH DR. HURST. (CC/RC)

This comment was added to the following specimens: M11307, 202.

<u>Date</u>	<u>Sex</u>	<u>Comments</u>
24 Oct 2007	Female	

<u>Date</u>	<u>Rearing</u>	<u>Comments</u>
24 Oct 2007	Unknown	

<u>Date</u>	<u>Parent(s)</u>	<u>local Id</u>	<u>Location</u>	<u>Comments</u>
24 Oct 2007	Sire	WILD	UNKNOWN	
24 Oct 2007	Dam	WILD	UNKNOWN	

Report Start Date
1/1/2007

Specimen Report for WACO / 96001M

Report End Date
6/25/2008



Taxonomic name: *Loxodonta africana*
Common name: African elephant

Family: Elephantidae
Order: Proboscidea

Current information

Sex: Female Sire ID:
Birth type: Wild Born Dam ID:
Birth Location: ZIMBABWE Rearing: Unknown
Birthdate-Age: ~ 1984 - 23Y,7M,21D +/-1 Yr. Hybrid: Not a hybrid
Time since last Acq: 12Y,2M,0D as of report end date

Date in	Acquisition - Vendor/local Id	Holder	Disposition - Recipient/local Id	Date out
1 Nov 1995	Purchase from PUBLIC / NONE	WACO / 96001M	Loan Out to CALDWELL / 3693	2 Nov 1995
25 Apr 1996	Loan Returned to Us CALDWELL / 3693	WACO / 96001M	Loan Out to KANSASCTY / M07074	22 Oct 2007

Date	Note type	Comments
22 Jan 2007	Medical treatment	PASSED SMALL PEICES OF METAL.. APPEARED TO BE SODA CAN. NOTIFIED Z2. GIVEN 1/2 GALLON MINERAL OIL WITH DIET. TO DO SO AGAIN IN PM. (MR/RS)
23 Jan 2007	Medical treatment	END TREATMENT. CONCLUDED MEDICAL TREATMENT FOR PREVIOUS DAYS GASTRO PROBLEM. GAVE 1/2 GALLON OF MINERAL OIL WITHOUT DIET IN AM. SEEMS HEALTHY AND EXHIBITING NORMAL BEHAVIOR. (CC)
17 Feb 2007	Medical note	SMALL AMOUNT OF RED COLORED FLUID COMING FROM TRUNK. Z6 NOTIFIED. ADVISED TO MONITOR. (MA/RH)
2 Mar 2007	Medical note	SUPERFICIAL WOUND ABOVE FRONT RIGHT ANKLE. APPLIED PEROXIDE TO WOUND. (MB)
3 Mar 2007	Medical note	SUPERFICIAL WOUND ABOVE FRONT LEFT ANKLE. APPEARS TO BE IMPROVING. TODAY IT WAS BARELY VISIBLE. THERE IS ALSO A SUPERFICIAL WOUND ON FRONT RIGHT CHIN IN THE PM. WILL MONITOR. (MB)
4 Mar 2007	Medical note	SCRAP FOUND ON LOWER RIGHT MANDIBLE. (MR)
4 Mar 2007	Medical treatment	CLEANED SCRAPE WITH PEROXIDE, ALCOHOL SWABS TO INSPECT. APPLIED BETADINE TOPICALLY. (MR/RS)
5 Mar 2007	Medical treatment	APPLIED BETADINE TO SCRAPE ON LOWER RIGHT MANDIBLE. (MR)
18 Mar 2007	Medical treatment	REMOVED SCAB. (MR)
29 Apr 2007	Note	PRACTICED TRUNK FLUSH. (MR)
1 May 2007	Note	PRACTICED TRUNK FLUSHES. (RH)
2 May 2007	Note	PRACTICED TRUNK FLUSHES WITH DR. HURST PRESENT. (RC/RH)
8 May 2007	Medical treatment	1ST TRUNK FLUSH WITH DR. HURST. (CC/RC)
10 May 2007	Medical procedure	This comment was added to the following specimens: 202, 96001M. TRUNK FLUSH NUMBER 3 COMPLETED WITH DR. HURST. (MB)
4 Jun 2007	Medical note	This comment was added to the following specimens: 202, 96001M. INGROWN HAIR ON RIGHT SIDE TUSK. (MA/MB)
22 Jul 2007	Behavior note	APPEARS TO BE SHOWING SIGNS OF ESTRUS. (MA/MR)
23 Jul 2007	Medical procedure	TB TRUNK FLUSH RESULTS FOR BOTH ELEPHANTS WERE NEGATIVE.
25 Jul 2007	Medical note	STILL SHOWING PHYSICAL AND PSYCHOLOGICAL SIGNS OF ESTRUS, GOOD TEMPERMENT, VULVA SWOLLEN. (MR)
27 Jul 2007	Medical note	SHOWING PHYSICAL SIGNS OF ESTRUS. (MA)
28 Jul 2007	Medical note	SHOWING PHYSICAL SIGNS OF ESTRUS. (MA)
29 Jul 2007	Medical note	APPEARS TO BE AT END OF ESTRUS. (MR)
31 Aug 2007	Medical procedure	BLOOD DRAWN FROM LEFT EAR. (MB/MA)
11 Sep 2007	Animal management note	BEGAN BRACLET TRAINING WITH BOTH ELEPHANTS. (CC/MB)

Report Start Date
1/1/2007

Specimen Report for WACO / 96001M

Report End Date
6/25/2008



This comment was added to the following specimens: 202, 96001M.

12 Sep 2007 Medical procedure BLOOD DRAWN FOR PRESHIPMENT TEST. (MB)
15 Sep 2007 Animal management note BRACELET TRAINED BOTH ELEPHANTS. (MA/RS)

This comment was added to the following specimens: 202, 96001M.

19 Sep 2007 Animal management note 1ST DAY TO PLACE BRACLET ON LEG. WENT WELL. PLACED ON FRONT LEFT LEG. (MB)
20 Sep 2007 Animal management note 2ND DAY OF BRACLET TRAINING WENT WELL. (MB)

This comment was added to the following specimens: 202, 96001M.

23 Sep 2007 Animal management note BRACLET TRAINING: 1ST DAY FOR BOTH FRONT FEET TO HAVE BRACLETS ON AT SAME TIME. SHE DID VERY WELL DURING SESSION. (MR/MA)
25 Sep 2007 Animal management note DID WELL WITH BRACLET TRAINING WITH BOTH FRONT AND BACK LEFT FEET. TEMBO DID GOOD WITH FRONT LEFT. (MA)
11 Oct 2007 Animal management note FIRST DAY OF TEATHER TRAINING ON FRONT RIGHT FOOT. DID WELL. BRACLETS ON FRONT LEFT AND REAR RIGHT. MB
22 Oct 2007 Disposition note OUT ON LOAN TO KANSAS CITY ZOO. (CC/MA/MR)

Report Start Date
1/1/2007

Specimen Report for WACO / 202

Report End Date
6/25/2008



Taxonomic name: *Loxodonta africana*

Family: Elephantidae

Common name: African elephant

Order: Proboscidea

Current information

Sex: Female Sire ID:
Birth type: Wild Born Dam ID:
Birth Location: MOZAMBIQUE Rearing: Unknown
Birthdate-Age: 4 Jul 1976 - 31Y,11M,21D Hybrid: Not a hybrid
Time since last Acq: 29Y,5M,19D as of report end date

Date in	Acquisition - Vendor/local Id	Holder	Disposition - Recipient/local Id	Date out
5 Jan 1979	Purchase from CATSKILL / NONE	WACO / 202		

Date	Note type	Comments
10 Jan 2007	Medical treatment	PIECE OF SKIN FELL OFF HER EAR WHILE WORKING HER IN THE BARN. PUT HER IN THE CHUTE AND FOUND A CONCRETE SORE ON THE BACK OF HER LEFT EAR. BETADINE APPLIED. APPLY BETADINE S/D UNTIL FURTHER NOTICE. (RH)
15 Feb 2007	Medical treatment	APPLIED BETADINE TO AREA ON TEMBO'S BACK. (MB)
5 Apr 2007	Medical treatment	HAS SMALL CUT INSIDE OF MOUTH UPPER RIGHT SIDE NEXT TO TEETH. FLUSHED WITH PEROXIDE. (MR)
7 Apr 2007	Medical treatment	FLUSHED TEMBO'S CUT IN MOUTH WITH PEROXIDE. (CC/RH/RC)
29 Apr 2007	Note	PRACTICED TRUNK FLUSH. (MR)
1 May 2007	Note	PRACTICED TRUNK FLUSHES. (RH)
2 May 2007	Note	PRACTICED TRUNK FLUSHES WITH DR. HURST PRESENT. (RH)
8 May 2007	Medical treatment	1ST TRUNK FLUSH WITH DR. HURST. (CC/RC)
10 May 2007	Medical procedure	This comment was added to the following specimens: 202, 96001M. TRUNK FLUSH NUMBER 3 COMPLETED WITH DR. HURST. (MB)
4 Jun 2007	Medical note	This comment was added to the following specimens: 202, 96001M. BACK OF TONGUE BUMPY. WILL MONITOR. (MA/MB)
20 Jul 2007	Medical treatment	BETADINE ON LEFT EAR AND BACK SHOULDER. (MA)
23 Jul 2007	Medical procedure	TB TRUNK FLUSH RESULTS FOR BOTH ELEPHANTS WERE NEGATIVE.
28 Jul 2007	Medical treatment	WOUND TO THE SIDE OF RIGHT EYE. SPRAYED WITH BETADINE. (MA)
30 Jul 2007	Medical treatment	WOUND ON SIDE OF HEAD. SPRAYED WITH BETADINE. (RH)
11 Sep 2007	Animal management note	BEGAN BRACLET TRAINING WITH BOTH ELEPHANTS. (CC/MB)
15 Sep 2007	Animal management note	This comment was added to the following specimens: 202, 96001M. BRACELET TRAINED BOTH ELEPHANTS. (MA/RS)
19 Sep 2007	Animal management note	This comment was added to the following specimens: 202, 96001M. 1ST DAY OF BRACLET TRAINING WENT WELL. PLACED ON BOTH FRONT LEFT AND RIGHT FEET. (MB)
20 Sep 2007	Animal management note	2ND DAY OF BRACLET TRAINING WENT WELL. (MB)
7 Oct 2007	Medical note	This comment was added to the following specimens: 202, 96001M. ABRASION ABOVE RIGHT EYE. IT WAS RINSED AND BETADINED. (MA)
12 Oct 2007	Medical treatment	SPRAYED BETADINE ON WOUND ABOVE RIGHT EYE. MA
13 Oct 2007	Medical observation	ABRASION ABOVE RIGHT EYE LOOKS BETTER. MA
24 Oct 2007	Group behavior	TANYA ARRIVED TODAY. SHE IS BEING STALLED IN STALL 3. ATTEMPTED INTRO WITH TEMBO. TEMBO CAME IN AND SAW TANYA AND RAN BACK TO THE YARD. (RH/MR/CC)



This comment was added to the following specimens: M11307, 202.

30 Oct 2007	Medical treatment	APPLIED BETADINE TO THE WOUND ABOVE TEMBO'S RIGHT EYE. (RH)
21 Nov 2007	Medical procedure	RECIEVED ANNUAL VEWT VACCINE
5 Dec 2007	Note	ON EXHIBIT TOGETHER DAY 1. (MR)

This comment was added to the following specimens: M11307, 202.

6 Dec 2007	Medical note	ON EXHIBIT TOGETHER FOR 2ND DAY. (MAR/MR/RH)
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This comment was added to the following specimens: M11307, 202.

7 Dec 2007	Medical note	RAW AREA OBSERVED UNDER TONGUE. (MAR)
13 Jan 2008	Note	SOAKED ALL FEET IN BLEACH AND DISHSOAP WATER FOR 5 MINUTES.RC
15 Apr 2008	Medical procedure	1ST TRUNK FLUSH ON ELEPHANTS PERFORMED. (CC/MB)

This comment was added to the following specimens: M11307, 202.

17 Apr 2008	Medical procedure	3RD TRUNK FLUSH WITH DR. HURST. (CC/RC)
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This comment was added to the following specimens: M11307, 202.

COPY

United States Department of Agriculture
Animal and Plant Health Inspection Services
Statement of Services

** CORRECTED **

Originating Office Phone: (515) 663-7571	Control Number: 198-8-549990 Office ID: 941980
Accession No: 549990	Service Date(s) Begin: 04/23/2008 End: 06/20/2008
Remitter: CAMERON PARK ZOO 1701 N 4TH STREET WACO, TX 76707	Submitter: CAMERON PARK ZOO 1701 N 4TH STREET WACO, TX 76707

Fee Code	Description	Accounting Code	BOI	Unit Cost	Units	Total\$
812	Eact. Req. Spec. Char.	8759419690	0250	92.00	3.00	276.00
Total						276.00

REMARKS:

CAMERON PARK ZOO WACO TX
CC 8170 01-AUG-10

Please Forward this Invoice to the REMITTER if different from SUBMITTER

Payment Information NTC ID: 9999999999

Date Received	Payment Received	Payment Due	Payment Type	Account/Check
06/20/2008	\$276.00	\$0.00	Credit Card	8170

Notice to Payer: If payment of this invoice is other than cash or a United States Postal Money Order, the invoice will not be considered paid in full until such tender has been cleared. If you have any questions, please contact the originating office listed above. If you have any questions, please E-Mail us at NVSLClient.Help@USDA.GOV, Fax us at (515) 563-7402, or call us at (515) 663-7571.

- 549990.txt

Trans#98038
 57928068113100
 Trunkwashes/labwork
 for Tanya
 6/23/08 JV \$

National Veterinary Services Laboratories
 1800 Dayton Road Ames, Iowa 50010
 Phone (515) 663-7266 Fax (515) 663-7297
 Tuberculosis Laboratory Test Report Page 1 of 1
 FEDERAL RELAY SERVICE (Voice/TTY/ASCII/Spanish)
 1-800-877-8339

***** This is a confidential report for official use only. *****
 Accession: 549990 Date Received: 4/23/2008

Establishment No.: TXCAMEL
 CAMERON PARK ZOO
 1701 N 4TH STREET
 WACO, TX 76707
 Fax: 2547508430

Referral Number:
 Owner: CAMERON PARK ZOO
 City: WACO
 State: TX

Preservation:

Retain Tag:

Species: Elephant

NVSL ID	Case #	Sample ID	Animal ID
1869887	084920	1/4-15-08	TANYA/#M11307
			Mycobacteria Isolation
			Diagnosis: No Isolation Made
			Specimen Submitted
			TRUNK WASH
1869888	084921	2/4-16-08	TANYA/#M11307
			Mycobacteria Isolation
			Diagnosis: No Isolation Made
			Specimen Submitted
			TRUNK WASH
1869889	084922	3/4-17-08	TANYA/#M11307
			Mycobacteria Isolation
			Diagnosis: No Isolation Made
			Specimen Submitted
			TRUNK WASH

DISTRIBUTION:
 Submitter
 6/20/2008

Approved By: Sulea Robbe-Rusterna
 National Veterinary Services Laboratories