

Clinical Notes - Individual Specimen Report
RIO GRANDE ZOOLOGICAL PARK

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ELEPHAS MAXIMUS (no subsp)           Sex: Male           Acc. #: M03030
Indian elephant                       Age: 10Y 1M 30D    Birth: 4.May.1998
Name: SAMSON
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.....2006...

28.Jun.2006

Lab: Semen collected today by Alice's AI team contains bacteria and much cellular debris. They requested the sample be submitted for culture. (GAD)

7.Jul.2006

Lab: Trunk wash #06-04 submitted to NMVDS for Mycobacterial culture. (GAD)

11.Jul.2006

Lab: Trunk wash #06-05 submitted to NMVDS for Mycobacterial culture. (GAD)

12.Jul.2006

Lab: Trunk wash #06-06 submitted to NMVDS for Mycobacterial culture. (GAD)

14.Jul.2006

Lab: Serum sample submitted to NMVDS for routine serum Vitamin E. (GAD)

19.Jul.2006

Note: Weight. (GAD)

Weight: 1727 Kg (3807 Lb)

21.Jul.2006

Lab: Serum Vitamin E: 1.43. Within acceptable limits.

Lab: Culture results on semen sample sent 6/28:

Few *Cornnebacterium minutissimum*

Rare *Actinomyces viscosus*

Both organisms are too slow growing for sensitivity testing.

CC: Neither organism is considered to be pathogenic in the reproductive tract. No treatment at this time. (GAD)

24.Jul.2006

CC: Semen collected yesterday contained WBCs and large numbers of bacteria. Keepers instructed to collect a urine sample today.

Lab: Urinalysis on medium yellow, clear urine collected today has a spec. grav. of 1.018, pH 8.5, prot +++. Sediment contains +++cocci type bacteria and triple phosphate crystals 1-2/hpf but no cells.

Submit rest of sample to NMVDS for culture. (GAD)

28.Jul.2006

Lab: Culture results on urine sample sent 7/25:

Few mixed growth

CC: No treatment at this time. (LV)

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28.Aug.2006

Lab: Trunk wash #06-04 submitted 7/7/06 cultured negative for Mycobacteria. Smear negative. (GAD)

29.Aug.2006

Lab: Trunk wash #06-05 submitted 7/11/06 cultured negative for Mycobacteria. Smear negative. (GAD)

30.Aug.2006

Lab: Trunk wash #06-06 submitted 7/12/06 cultured negative for Mycobacteria. Smear negative. (GAD)

31.Oct.2006

Note: All trunk washes from herd have been consistently negative. Decrease to once yearly trunk washes in July for TB screens. When ELISA for TB becomes commercially available, will likely switch to that method for screening. (GAD)

.....2007....

6.Jul.2007

Lab: Trunk wash #07-01 submitted to NMVDS for Mycobacterial culture. (GAD)

10.Jul.2007

Lab: Trunk wash #07-02 submitted to NMVDS for Mycobacterial culture. (GAD)

11.Jul.2007

Lab: Trunk wash #07-03 submitted to NMVDS for Mycobacterial culture. (GAD)

17.Jul.2007

Lab: Sent 4.0 ml serum collected 7/5/07 to Dr. Michelle Miller at Disney for annual serum banking project. (GAD)

30.Jul.2007

Lab: Urine sample is 2+ cloudy, urine crystals = 3 mm. (GAD)

22.Aug.2007

Lab: Trunk wash #07-01 submitted 7/6/07 cultured negative for Mycobacterium. Smear negative. (GAD)

23.Aug.2007

Lab: Trunk wash #07-02 submitted 7/10/07 cultured negative for Mycobacterium. Smear negative. (GAD)

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24.Aug.2007

Lab: Trunk wash #07-03 submitted 7/11/07 cultured negative for Mycobacterium. Smear negative. (GAD)

31.Oct.2007

Lab: Routine fecal float negative. (GAD)

20.Nov.2007

CC: Dr. Hildebrandt recently used him for semen donation for an AI procedure and detected two 4 cm diameter masses in the wall of the rectum. Both ultrasound and endoscopy showed them to be likely small abscesses in the wall of the rectum, he recommended antibiotic boluses per rectum.

Disp: TMS powder 4 scoops (160 gm) mixed in a slurry and infused per rectum SID for 10 days. (MJR)

1.Dec.2007

CC: Has completed 10 days of treatment. Keepers report masses have shrunk to the size of raisins. (GAD)

.....2008....

11.Jan.2008

Note: Review of Emcelle supplementation: Samson is currently on 4 ml once daily. Increase to 6 ml to compensate for growth. (GAD)

20.Mar.2008

Lab: Sent serum sample drawn today to NMVDS with request to submit to MSU for Vitamin E level. (GAD)

21.Mar.2008

Lab: Results of Vitamin E sent 3/20/08 - 0.88 ug/ml. (GAD)



Taxonomic name: *Elephas maximus*

Family: Elephantidae

Common name: Indian elephant

Order: Proboscidea

Current information

Sex:	Male	Sire ID:	920199 at African Lion Safari & Game Far
Birth type:	Captive Born	Dam ID:	920198 at African Lion Safari & Game Far
Birth Location:	African Lion Safari & Game Farm Ltd	Rearing:	Parent
Birthdate-Age:	4 May 1998 - 10Y,1M,23D	Hybrid:	Not a hybrid
Time since last Acq:	4Y,7M,7D 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>
19 Nov 2003	Donation from ROCKTON / 980173	RIO GRAND / M03030		

<u>Date</u>	<u>Type</u>	<u>Value</u>	<u>Units</u>	<u>Comments</u>
2 Aug 2007	live animal weight	4507	pound	