

Clinical Notes - Individual Specimen Report
BURNET PARK ZOO

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ELEPHAS MAXIMUS (no subsp)           Sex: Female           Acc. #: M90080
Asiatic elephant                     Age: 23Y 4M 13D      Birth: 23 Nov 1982
Name: TARGA
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.....2005...

1.Dec.2005

Rectal mucosa scraping was performed and submitted for Salmonella culture. (2nd in series of 5)
Rectal swab results from 11/17/05: aerobic culture - no significant organisms (no campy and no salmonella). (SLB)

5.Dec.2005

Baseline progesterone for 11/26/05: less than 0.05 ng/ml. (NAM)

8.Dec.2005

Rectal culture collected on 12/1/05 (number 2) was negative for enteric pathogens including campy and salmonella. (NAM)

12.Dec.2005

Progesterone from 12/3/05 less than 0.05ng/ml (RSC)

15.Dec.2005

Rectal scraping for salmonella culture # 3 submitted. (EMB)

19.Dec.2005

Progesterone from sample collected on 12/10/05 was: less than 0.05 ng/ml (NAM)

22.Dec.2005

Rectal scraping for salmonella culture number 4 submitted. (EMB)

28.Dec.2005

Rectal scrapping swab submitted on 12/15/05 for pre-shipment salmonella culture #3: NEGATIVE. (GVK)

30.Dec.2005

Rectal scrapping swab submitted on 12/22/05 for pre-shipment salmonella culture #4 in a series of 5: Negative. Next culture to be submitted week of January 2nd when lab re-opens

Progesterone from sample collected on 12/17/05 was less than 0.05 ng/ml (NAM)

.....2006...

4.Jan.2006

Rectal scraping swab collected on 1/4/06 for salmonella culture #5. The previous salmonella culture (collected 12/22/05) was negative. (SLB)

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Asiatic elephant	Age: 23Y 4M 13D	Birth: 23 Nov. 1982
Name: TARGA		

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26.Feb.2006

Keepers noted a stringy vulvar discharge today. Also found in holding was a 10x5x3cm firm piece of tissue. Although keepers do not know which elephant passed the tissue, it is believed to have come from Targa. Keepers noted that at the time the tissue was passed, all elephants acted as they do for the birth of a calf.

Grossly the tissue is dry, firm and fairly homogeneous, dark brown on the outside and brick red on toward the center. No muscle fibers, structures or vessels were identified. An impression smear of the center of the tissue revealed primarily large diplococci with mucus. The tissue was divided into 3 pieces (one preserved in formalin, one frozen and a small piece saved in physiological saline and refrigerated). Additionally, unstained impressions were made for cytology.

A vulvar swab was taken for cytology, revealing large diplococci (and possible yeast {loaner microscope of relatively poor quality did not allow for adequate fine focusing}). A swab was also acquired for culture. (RSC)

27.Feb.2006

Progesterone baseline on sample collected 2/18/06 was <0.05ng/ml. Bloodwork collected on 2/22/06 showed normal CBC. Chem panel showed slight hypophosphatemia at 3.9 (range 4.2-5.8) and slt hyperglycemia at 118 (range 86+/-19). (SLB)

6.Mar.2006

Progesterone 2/25/2006: less than 0.05ng/ml (EMB)

8.Mar.2006

Vulvar swab collected 2/26/06: few beta hemolytic strep. Monitor for discharge. Pending histo results on tissue collected. (NAM)

15.Mar.2006

Histology results from mass submitted to NW Zoopath on 3/2/06: sloughed polyploid mucosa, probable vaginal polyp. All of the tissue was infarcted, but architecture was consistent with polyp. No evidence of malignancy or a primary infectious cause, although the extensive infarction may confound the results.

P: Perform rectal ultrasound to assess reproductive tract, especially of vagina and cervix. (SLB)

21.Mar.2006

Progesterone 3/11/2006: less than 0.05ng/ml

Ultrasound examination of repro tract - visualization up to cervix (NAM)

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ELEPHAS MAXIMUS (no subsp)	Sex: Female	Acc. #: M660
Asiatic elephant	Age: 23Y 4M 13D	Birth: unknown
Name: TARGA		

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10.Apr.2006

Progesterone from sample collected on 4/1/06: 0.10ng/ml (SLE)

23.Apr.2006

Progesterone levels from 8 April 2006: <0.05ng/ml

Progesterone levels from 15 April 2006: 0.12ng/ml (RSC)

1.May.2006

Progesterone from 4/22/06: 0.31 ng/ml

Trunk washes from 2/20, 2/21 and 2/22/2006 negative for mycobacteria (EMB)

9.May.2006

Progesterone 4/29/06: 0.06ng/ml

Today Mali was sedated with 50 mg of Xylazine - 20 minutes after administration, she was quiet but reactive. Her trunk was moving very slow. She was walked backwards onto the transport truck and positioned at the front of the truck.

Targa was given 100 mg of xylazine and after 30 minutes she was still alert and reactive. She showed mild signs of sedation. She was walked forward into the truck and positionned facing her daughter. In the process she turned twice but was responsive to the keepers. She remained quiet and alert throughout the entire procedure and travelled well. She was not reversed. (EMB)

15.May.2006

Progesterone levels from 05/06: 0.10 ng/ml (NAM)