

Clinical Notes - Individual Specimen Report
BURNET PARK ZOO

ELEPHAS MAXIMUS (no subsp)
Asiatic elephant
Name: Mali

Sex: Female
Age: 10Y 1M 5D

Acc. #: M97012
Birth: 28.FEB.1995

.....2005....

1.Dec.2005

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

5.Dec.2005

Baseline progesterone for 11/26/05: less than 0.05 ng/ml

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 11/26/05 less than 0.05ng/ml
12/3/05 less than 0.05ng/ml (RSC)

15.Dec.2005

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

19.Dec.2005

Progesterone from sample collected on 12/10/05 was 0.25 ng/ml (NAM)

22.Dec.2005

Rectal scraping collected for salmonella culture number 4. (SLB)

28.Dec.2005

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

30.Dec.2005

Rectal culture for salmonella submitted on 12/22/05 (number 4 in series of 5) was negative. Next culture to be submitted week of January 2nd when lab re-opens

Progesterone from sample collected on 12/17/05 was 0.25 ng/ml (NAM)

.....2006....

4.Jan.2006

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

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9.Jan.2006

Progesterone baseline from sample collected 12/24/05: 0.13 ng/ml
Progesterone baseline from sample collected 12/31/05: 0.22 ng/ml
(NAM)

18.Jan.2006

Blood progesterone level from blood collected on 1/9/06 was 0.17
ng/ml.
The results of the salmonella culture from the rectal scrape performed
on 1/4/06 were negative. (SLB)

2.Feb.2006

Blood progesterone level from blood collected on 1/27/06 was 0.17
ng/ml. (SLB)

6.Feb.2006

Blood progesterone level from blood collected on 1/14/06 was 0.17
ng/ml
Blood progesterone level from blood collected on 1/21/06 was 0.17
ng/ml
Blood progesterone level from blood collected on 1/28/06 was 0.17
ng/ml (EMB)

13.Feb.2006

S/O: Keeper report yesterday indicated that Mali had discharge from
her right ear (consistency/character not described) and from her right
temporal gland. Plasma progesterone level from blood collected on
2/04/06 was less than 0.05 ng/ml. Aexam not performed by zoo staff,
thus an assesment is not possible. Assessment of possible cause
of otitis externa involved the appearance of the ear canal on
2/15. (EMB)

15.Feb.2006

Talked to John - no discharge has been seen since last Monday, but
otherwise BAR. Examination of the ear showed no discharge, but a
smell. A cotton tip applicator was introduced into the ear canal
ear canal and twirled, only to come out clean.
P: keepers will continue to monitor. If a discharge is noted, they
will wait for vets or vet tech (if not a vet day) before cleaning it
out.
NOTE: we are going to get titers for rabies and tetanus prior to
vaccinating the herd. (NAM)

20.Feb.2006

Blood progesterone level from blood collected on 2/11/06 was 0.17
0.05 ng/ml. S/O: Annual 1st TB test (trunk) wash collected and
frozen. A: normal appearing fluid collected. P: 2nd trunk wash
completed on 2/21. (SLB)

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- page 3 -

NIPPHAS MAXIMUS (no subsp)
Asiatic elephant
Name: Mali

Age: 30Y 1M 5D

21.Feb.2006

S/O: Annual TB test: 2nd trunk wash collected and frozen. A: trunk
appearing fluid collected. P: 3rd trunk wash to be collected.
(NAM)

22.Feb.2006

S/O: Annual TB test: 3rd trunk wash collected and submitted with the 2
previous ones. Blood was collected and submitted for CBC, chem panel
and serum banking (samples to be send out for various research
projects according to SSP recommendations). (NAM)

27.Feb.2006

Progesterone baseline on sample on 2/24/06: 0.15 ng/ml
ng/ml. Bloodwork collected on 2/22/06 showed a normal chem panel. On
the CBC there was normal WBC at 15.3, with monocytosis of 2.1 (range
0.1-5.1), slt lymphopenia at 2.6 (range 2.2 - 3.1). She has
previously had monocytosis on her CBC.
P: Continue to monitor trend of monocytosis and
interpretation. (SLE)

6.Mar.2006

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

21.Mar.2006

Progesterone 3/11/2006: less than 0.05ng/ml (NAM)

10.Apr.2006

Progesterone from sample collected on 4/1/06: 0.29ng/ml (SLE)

23.Apr.2006

Progesterone levels from 8 April 2006: 0.16ng/ml
Progesterone levels from 15 April 2006: 0.35ng/ml (EMB)

1.May.2006

Progesterone from 4/22/06: 0.49 ng/ml
Trunk washes from 2/20, 2/21 and 2/22/2006 negative for TB.
Tusks were trimmed several days ago with gigli wire. On the medial
aspect of the left tusk, there is a 2-3 cm dried scab on the upper lip
adjacent to the tusk. Keepers report this was a fresh ulcer, possibly
but is progressing well. There are no sharp edges palpable to the
tusk. Keepers feel the lesion is due to rubbing on the sand.
A/P Keepers to monitor. (EMB)

9.May.2006

Progesterone 4/29/06: 0.08ng/ml

