



WOODLAND PARK ZOO

Medical Records on Bamboo

5/8/08 through 8/5/08

Including Smithsonian National Lab from

4/27/08 through 8/5/08

12 pages

Clinical Pathology Records - Specimen Report
WOODLAND PARK ZOOLOGICAL GARDENS

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ELEPHAS MAXIMUS (no subsp)
Asiatic elephant
Name: BAMBOO

Sex: Female
Age: 41Y 9M Est. Birth: 4.Nov.1966
Acc. #: 20073

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Collection Information >>

Health Status: Normal
Fasting Time: < 8 hours
Activity: Calm
Weight: 4037 Kg on 8.Apr.2008
Manual restraint used.

Date of Collection: 24.Apr.2008
Time of Collection: 9:00.1
Collected by: PAT
Sample Collection Site: EAR VEIN

Hematology >>

Analysis Information >>

Anticoagulant: EDTA
Storage: Fresh
Sample Quality: No quality problems.

Laboratory: NATIONAL ZOO
Date of Analysis: 24.Apr.2008
Time of Analysis:
Analysis by:
Automated analysis.

Tests and Results >>

EEHV-DX (PCR) NEG

ISIS Reference Values >>

Mean S.D. Min. Max. (N)

Comments >>

From the EEHV lab: these results are from many different primers, and reflect the sequencing results (so we may have reported by email/phone that a sample had a band from a primer, but if sequence came back that ruled out EEHV, the sample is marked as (-)).

Chemistry >>

Analysis Information >>

Chemistry Sample: Serum
Storage: Fresh
Sample Quality: No quality problems.

Laboratory: NATIONAL ZOO
Date of Analysis: 24.Apr.2008
Time of Analysis:
Analysis by:
Automated analysis.

Tests and Results >>

EEHV-DX (PCR) NEG

ISIS Reference Values >>

Mean S.D. Min. Max. (N)

Comments >>

From the EEHV lab: these results are from many different primers, and reflect the sequencing results (so we may have reported by email/phone that a sample had a band from a primer, but if sequence came back that ruled out EEHV, the sample is marked as (-)).

Clinical Notes - Individual Specimen Report
WOODLAND PARK ZOOLOGICAL GARDENS

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<i>ELEPHAS MAXIMUS</i> (no subsp)	Sex: Female	Acc. #: 20073
Asiatic elephant	Age: 41Y 9M Est.	Birth: 4.Nov.1966
Name: BAMBOO		

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.....2008...

29.Apr.2008

Problem: skin crack (Confirmed); FOLLICULITIS - tail (Confirmed);
hyperkeratosis - tail (Confirmed)

The following samples were shipped today to EEHV Lab for testing:
Edta whole blood and serum from 24 April 2008 (TLH)

Clinical Notes - Individual Specimen Report
WOODLAND PARK ZOOLOGICAL GARDENS

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ELEPHAS MAXIMUS (no subsp)
Asiatic elephant
Name: BAMBOO

Sex: Female Acc. #: 20073
Age: 41Y 9M Est. Birth: 4.Nov.1966

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.....2008....

30.Apr.2008

Problem: skin crack (Confirmed); FOLLICULITIS - tail (Confirmed);
 hyperkeratosis - tail (Confirmed)
 EEHV sample results for 24Apr08 (neg). (KEH)

Clinical Notes - Individual Specimen Report
WOODLAND PARK ZOOLOGICAL GARDENS

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<i>ELEPHAS MAXIMUS</i> (no subsp)	Sex: Female	Acc. #: 20073
Asiatic elephant	Age: 41Y 9M Est.	Birth: 4.Nov.1966
Name: BAMBOO		

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.....2008....

3.May.2008

Problem: skin crack (Confirmed); FOLLICULITIS - tail (Confirmed);
hyperkeratosis - tail (Confirmed)
EEHV testing update. EEHV titer negative on PCR. Clinically normal
elephant. Sample is from blood obtained 24Apr08.

03May. This elephant remains clinically normal with no abnormalities
on bloodwork. To date, no evidence of EEHV in this patient. Continue
to submit EEHV samples for PCR on all 3 elephants to see obtain more
data to assist with interpretation.

Current treatment/diagnostic plan:

1. CBC/panel/fibrinogen every other day x 10 days
2. EEHV serum/EDTA every other day x 10 days
3. Fecal bacterial culture SID x 5 days
4. Fecal EM and VI SID x 5 days

Treatment/diagnostic plan may be changed as needed to reflect clinical
changes and results of diagnostic tests. (KEH)

Clinical Pathology Records - Specimen Report
WOODLAND PARK ZOOLOGICAL GARDENS

ELEPHAS MAXIMUS (no subsp)
Asiatic elephant
Name: BAMBOO

Sex: Female Acc: #: 20073
Age: 41Y 9M Est. Birth: 4.Nov.1966

Collection Information >>

Health Status: Normal
Fasting Time: < 8 hours
Activity: Calm
Weight: 4037 Kg on 8.Apr.2008
Manual restraint used.

Date of Collection: 3.May.2008
Time of Collection: 17:05.2
Collected by: PM
Sample Collection Site: EAR VEIN

Hematology >>

Analysis Information >>
Anticoagulant: EDTA
Storage: Fresh
Sample Quality: No quality problems.

Laboratory: NATIONAL ZOO
Date of Analysis: 4.May.2008
Time of Analysis:
Analysis by:
Automated analysis.

Tests and Results >>

ISIS Reference Values >>
Mean S.D. Min. Max. (N)

EEHV-DX (PCR) NEG

Comments >>

From the EEHV lab: these results are from many different primers, and reflect the sequencing results (so we may have reported by email/phone that a sample had a band from a primer, but if sequence came back that ruled out EEHV, the sample is marked as (-)).

Chemistry >>

Analysis Information >>
Chemistry Sample: Serum
Storage: Fresh
Sample Quality: No quality problems.

Laboratory: NATIONAL ZOO
Date of Analysis: 4.May.2008
Time of Analysis:
Analysis by:
Automated analysis.

Tests and Results >>

ISIS Reference Values >>
Mean S.D. Min. Max. (N)

EEHV-DX (PCR) NEG

Comments >>

From the EEHV lab: these results are from many different primers, and reflect the sequencing results (so we may have reported by email/phone that a sample had a band from a primer, but if sequence came back that ruled out EEHV, the sample is marked as (-)).

Clinical Notes - Individual Specimen Report
WOODLAND PARK ZOOLOGICAL GARDENS

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<i>ELEPHAS MAXIMUS</i> (no subsp)	Sex: Female	Acc. #: 20073
Asiatic elephant	Age: 41Y 9M Est.	Birth: 4.Nov.1966
Name: BAMBOO		

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.....2008...

7.May.2008

Problem: skin crack (Confirmed); FOLLICULITIS - tail (Confirmed);
hyperkeratosis - tail (Confirmed)

The following samples were shipped today to EEHV Lab for testing:
Edta whole blood and serum from 6 May 2008 and 7 May 2008 (TLH)

Clinical Pathology Records - Specimen Report
WOODLAND PARK ZOOLOGICAL GARDENS

=====
ELEPHAS MAXIMUS (no subsp)
Asiatic elephant
Name: BAMBOO
=====

Sex: Female
Age: 41Y 9M Est.
Acc. #: 20073
Birth: 4.Nov.1966
=====

Collection Information >>

Health Status: Normal
Fasting Time: < 8 hours
Activity: Calm
Weight: 4037 Kg on 8.Apr.2008
Manual restraint used.

Date of Collection: 7.May.2008
Time of Collection: 11:50.1
Collected by: PM
Sample Collection Site: EAR VEIN

Hematology >>

Analysis Information >>

Anticoagulant: EDTA
Storage: Fresh
Sample Quality: No quality problems.

Laboratory: NATIONAL ZOO
Date of Analysis: 7.May.2008
Time of Analysis:
Analysis by:
Automated analysis.

Tests and Results >>

EEHV-DX (PCR) NEG

ISIS Reference Values >>

Mean S.D. Min. Max. (N)

Comments >>

From the EEHV lab: these results are from many different primers, and reflect the sequencing results (so we may have reported by email/phone that a sample had a band from a primer, but if sequence came back that ruled out EEHV, the sample is marked as (-)).

Chemistry >>

Analysis Information >>

Chemistry Sample: Serum
Storage: Fresh
Sample Quality: No quality problems.

Laboratory: NATIONAL ZOO
Date of Analysis: 7.May.2008
Time of Analysis:
Analysis by:
Automated analysis.

Tests and Results >>

EEHV-DX (PCR) NEG

ISIS Reference Values >>

Mean S.D. Min. Max. (N)

Comments >>

From the EEHV lab: these results are from many different primers, and reflect the sequencing results (so we may have reported by email/phone that a sample had a band from a primer, but if sequence came back that ruled out EEHV, the sample is marked as (-)).

Clinical Notes - Individual Specimen Report
WOODLAND PARK ZOOLOGICAL GARDENS

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ELEPHAS MAXIMUS (no subsp)
Asiatic elephant
Name: BAMBOO

Sex: Female Acc. #: 20073
Age: 41Y 9M Est. Birth: 4.Nov.1966

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.....2008...

8.May.2008

Problem: skin crack (Confirmed); FOLLICULITIS - tail (Confirmed);
 hyperkeratosis - tail (Confirmed)

EEHV sample results for 06May08 (bank) and 07May08 (neg). (KEH)

Clinical Notes - Individual Specimen Report
WOODLAND PARK ZOOLOGICAL GARDENS

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<i>ELEPHAS MAXIMUS</i> (no subsp)	Sex: Female	Acc. #: 20073
Asiatic elephant	Age: 41Y 9M Est.	Birth: 4.Nov.1966
Name: BAMBOO		

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.....2008....

11.May.2008

Problem: skin crack (Confirmed); FOLLICULITIS - tail (Confirmed);
hyperkeratosis - tail (Confirmed)

From the EEHV Lab: Results negative all elephants.

"The sequencing results came back yesterday (Saturday), and there was nothing readable from any of the elephants." (KEH)

Clinical Pathology Records - Specimen Report
WOODLAND PARK ZOOLOGICAL GARDENS

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ELEPHAS MAXIMUS (no subsp)           Sex: Female           Acc. #: 20073
Asiatic elephant                     Age: 41Y 9M Est.     Birth: 4.Nov.1966
Name: BAMBOO
=====

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Collection Information >>
Health Status: Normal
Fasting Time: < 8 hours
Activity: Calm
Weight: 4037 Kg on 8.Apr.2008
Manual restraint used.

Date of Collection: 11.May.2008
Time of Collection: 10:10.2
Collected by: SC
Sample Collection Site: EAR VEIN

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Hematology >>
Analysis Information >>
Anticoagulant: EDTA
Storage: Fresh
Sample Quality: No quality problems.

Laboratory: NATIONAL ZOO
Date of Analysis: 11.May.2008
Time of Analysis:
Analysis by:
Automated analysis.

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Tests and Results >>
EEHV-DX (PCR)           NEG

ISIS Reference Values >>
Mean  S.D.  Min.  Max.  (N)

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```

Comments >>
From the EEHV Lab: these results are from many different primers, and
reflect the sequencing results (so we may have reported by email/phone
that a sample had a band from a primer, but if sequence came back that
ruled out EEHV, the sample is marked as (-)).

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Chemistry >>
Analysis Information >>
Chemistry Sample: Serum
Storage: Fresh
Sample Quality: No quality problems.

Laboratory: NATIONAL ZOO
Date of Analysis: 11.May.2008
Time of Analysis:
Analysis by:
Automated analysis.

```

```

Tests and Results >>
EEHV-DX (PCR)           NEG

ISIS Reference Values >>
Mean  S.D.  Min.  Max.  (N)

```

```

Comments >>
From the EEHV Lab: these results are from many different primers, and
reflect the sequencing results (so we may have reported by email/phone
that a sample had a band from a primer, but if sequence came back that
ruled out EEHV, the sample is marked as (-)).

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Clinical Notes - Individual Specimen Report
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<i>ELEPHAS MAXIMUS</i> (no subsp)	Sex: Female	Acc. #: 20073
Asiatic elephant	Age: 41Y 9M Est.	Birth: 4.Nov.1966
Name: BAMBOO		

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.....2008....

12.May.2008

Problem: skin crack (Confirmed); FOLLICULITIS - tail (Confirmed);
hyperkeratosis - tail (Confirmed)

The following samples were shipped today to EEHV Lab for testing:

- 09 May 2008 serum and edta whole blood
- 11 May 2008 serum and edta whole blood. (TLH)

Clinical Notes - Individual Specimen Report
WOODLAND PARK ZOOLOGICAL GARDENS

=====

ELEPHAS MAXIMUS (no subsp)	Sex: Female	Acc. #: 20073
Asiatic elephant	Age: 41Y 9M Est.	Birth: 4.Nov.1966
Name: BAMBOO		

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.....2008...

13.May.2008

Problem: skin crack (Confirmed); FOLLICULITIS - tail (Confirmed);
hyperkeratosis - tail (Confirmed)

Will not run 05/09 and 05/11 EEHV samples due to all previous
submissions negative and no clinical symptoms of concern. Lab to
bank. (KEH)