

## **Instructions for Elephant Endotheliotropic Herpesvirus (EEHV) Sample Submission**

**Please submit all samples on plenty of dry ice in a styrofoam container.**

- For a sick elephant with suspected active EEHV infection, please send 1-2 ml of whole blood (EDTA, lavender top tube) and at least 0.5 ml serum. It is best to transfer the samples to a freezer-safe tube (not glass) after thoroughly mixing with EDTA. We have received broken glass tubes in the past.
- For necropsy tissues, please freeze the tissues (preferably in liquid nitrogen or dry ice, or store in a  $-70$  C freezer). Heart, liver, spleen, tongue, any organs with hemorrhages, lung nodules (may be very small, please breadloaf the lung and palpate) are requested.
- For newborn/stillborn/aborted elephants, please freeze a 3 cm<sup>2</sup> piece of placenta (preferably in liquid nitrogen or dry ice, or store in a  $-70$  C freezer). Also send EDTA WB (1-2 ml) and serum (0.5 ml) from mother and baby, if possible.
- For EEHV titers, please send at least 0.5 mls of serum (preferably more). Freeze immediately.
- Please include all pertinent elephant information (including history) on the attached form.
- Please call/email Erin before shipping samples:

Erin Latimer: 202-633-4252 (W)  
703-855-9611 (C)  
[latimere@si.edu](mailto:latimere@si.edu)

Please email the tracking number and an itemized list of the samples being sent.

**FedEx by FedEx Priority Overnight to:**

**Erin Latimer  
Smithsonian, National Zoological Park  
Department of Pathology  
3001 Connecticut Ave. NW  
Washington, DC 20008**

## Request for EEHV testing

Department of Pathology  
Smithsonian National Zoo  
3001 Connecticut Ave. NW  
Washington, DC 20008  
(202) 633-4252

Date \_\_\_\_\_

Requestor's name \_\_\_\_\_

Institution \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone/email \_\_\_\_\_

Animal Name/ISIS # \_\_\_\_\_

Age \_\_\_\_\_

Species \_\_\_\_\_

Reason for request (i.e. current symptoms of possible EEHV, or possible exposure to

EEHV) \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Type of samples being sent \_\_\_\_\_

Before sending samples, please call/email Erin Latimer

202-633-4252 (W)

703-855-9611 (C)

latimere@si.edu

**Please send samples Priority Overnight on dry ice in a styrofoam cooler.**

## Consent Form for EEHV Testing

Department of Pathology  
Smithsonian National Zoo  
3001 Connecticut Ave. NW  
Washington, DC 20008  
(202) 633-4252

I give consent for the results of Elephant Endothelial Herpes Virus (EEHV) testing to be used by the Species Survival Plan (SSP) and the National EEHV Laboratory to make recommendations on any elephant related issues (including, but not limited to, recommendations on relocations and breeding).

The results that could be reviewed and used by the SSP and the National EEHV Lab include Polymerase Chain Reaction (PCR), Enzyme-Linked Immunosorbent Assay (ELISA), and DNA sequencing of the EEHV virus.

I understand that all results and recommendations will be kept confidential.

\_\_\_\_\_ Yes, I agree to allow the SSP and the National EEHV Lab to use our testing results.

\_\_\_\_\_ No, I do not consent to the use of our testing results.

\_\_\_\_\_  
Signature, title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed name

\_\_\_\_\_  
Phone number

\_\_\_\_\_  
Institution

\_\_\_\_\_  
Email address

\_\_\_\_\_  
Address

\_\_\_\_\_

\_\_\_\_\_