

## STLV - 1 (PTLV - 1)

ANIMAL GROUP AFFECTED	TRANSMISSION	CLINICAL SIGNS	FATAL DISEASE ?	TREATMENT	PREVENTION & CONTROL
Old World monkeys and apes	Sexually, contact, biting: blood contact	Non-Hodgkin's lymphomas	Yes		<i>In houses</i>  <i>in zoos</i> Serial serological testing and removal of seropositives

<b>Fact sheet compiled by</b> Manfred Brack, formerly German Primate Center, Göttingen / Germany.	<b>Last update</b> November 2003
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<b>Susceptible animal groups</b> Macaques, <i>Cercopithecus</i> spp., <i>Erythrocebus patas</i> , <i>Papio</i> spp., <i>Mandrillus sphinx</i> , <i>Cercocebus torquatus</i> , <i>Symphalangus syndactylus</i> , <i>Pan troglodytes</i> , <i>Gorilla gorilla</i> , <i>Pongo pygmaeus</i> .	
<b>Causative organism</b> STLV-1, STLV-cpz, all closely related to HTLV-1 (Retroviridae: type C oncovirinae).	
<b>Zoonotic potential</b> Possible (Suggested evolution of HTLV-1 from STLV-1).	
<b>Distribution</b> Asia and Africa.	
<b>Transmission</b> Horizontally by sexual or other contact .	
<b>Incubation period</b>	
<b>Clinical symptoms</b> Non-Hodgkins lymphomas.	
<b>Post mortem findings</b> Lymphadenopathy / T-cell lymphomas.	
<b>Diagnosis</b> Isolation, Southern blots, DNA-sequencing.	
<b>Material required for laboratory analysis</b> Blood, lymph nodes.	
<b>Relevant diagnostic laboratories</b> <ol style="list-style-type: none"> <li>                             Virus Reference Center                              7540 Louis Pasteur Road                              SAN ANTONIO/ Tx. 78229 / USA                              Phone: (210) 614 – 7350                              Fax: (210) 614 – 7355                         </li> <li>                             German Primate Center                              Kellnerweg 4                              D 37077 Göttingen / Germany                              Phone: 49 (0)551 38510                              Fax: 49 (0)551 3851 227                         </li> </ol>	
<b>Treatment</b>	
<b>Prevention and control in zoos</b> Serial serological testing and removal of all seropositives.	



<b>Suggested disinfectant for housing facilities</b>
<b>Notification</b>
<b>Guarantees required under EU Legislation</b>
<b>Guarantees required by EAZA Zoos</b>
<b>Measures required under the Animal Disease Surveillance Plan</b>
<b>Measures required for introducing animals from non-approved sources</b>
<b>Measures to be taken in case of disease outbreak or positive laboratory findings</b>
<b>Conditions for restoring disease-free status after an outbreak</b>
<b>Experts who may be consulted</b> Prof. Dr. G.Hunsmann, German Primate Center, Göttingen / Germany
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