

### BACKGROUND

Simian Immunodeficiency Virus (SIV) is a member of the lentivirus genus of the family Retroviridae. Simian Immunodeficiency Virus (SIV) infection of non-human primates is a well-established animal model for studying Human Immunodeficiency Virus (HIV). While SIV infections in their natural host species (African monkeys and chimpanzees) are rarely pathogenic, cross-species SIV infections in macaques are an extensively studied model for HIV pathogenesis, therapeutics and vaccine development.

### PRODUCT CHARACTERISTICS

**Specificity:** Reacts with antibodies to all major gene products of SIV strains mac, agm, sm and mne. Reacts with human and non-human primate antibodies to HIV-2

**Source:** SIVmac251 grown in human lymphoid cells

**Composition:** Derived from electroblotting of sucrose purified, detergent disrupted Simian Immunodeficiency Virus proteins separated on SDS-PAGE gels. Strips contain a serum control band of goat anti-human IgG that reacts when human or non-human primate IgG antibodies are present to control for sample addition.

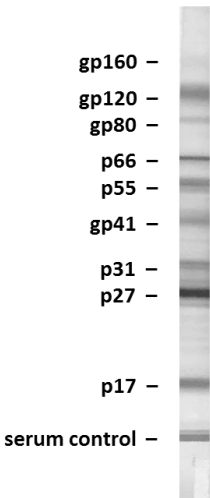
**Contents:** One tube of 10 nitrocellulose strips

### STORAGE

Store at 2-8 °C. Keep tightly capped. Allow tube to reach room temperature before opening.

### APPLICATIONS

Detection of antibodies to SIV in non-human primate serum or plasma



The nitrocellulose strip was incubated with a 1/100 dilution of a strongly reactive specimen. An alkaline phosphatase-labeled goat anti-human IgG at 0.25 µg/ml was used as a secondary antibody and NBT/BCIP as substrate solution to develop the signal.

***This product is intended for research, product development, quality assurance or manufacturing use. Not for use in the screening, diagnosis or prognosis of disease. Although the virus proteins have been inactivated, handle strips and specimens as if capable of transmitting infection. There are no assurances that products derived from infectious sources will not transmit infectious agents.***

PI0801502  
Revision: 05  
Effective Date: 03/21/2022

<b>REF</b>	Catalog Number		Temperature Limitation
<b>LOT</b>	Batch Code		Expiration Date
<b>RUO</b>	For Research Use Only		Biological Risk
	Manufacturer		

PCA# 21-112  
Page 1 of 1