

**Centre for AIDS Reagents**

**Data Sheet**

<b>NAME:</b>	Recombinant gag p27 SIVmac251
<b>REPOSITORY REFERENCE:</b>	<b>EVA643</b>
<b>DESCRIPTION:</b>	Recombinant SIV p27 is expressed as a Glutathione S-transferase (GST) fusion protein produced in the E.coli expression system.
<b>PURITY:</b>	Recombinant p27-GST fusion protein is purified by GST-agarose affinity chromatography to a purity of > 95% as determined by SDS-PAGE, reduced.
<b>SPECIFICITY:</b>	This protein binds to SIV positive simian serum polyclonal antibodies and epitope specific murine monoclonal antibodies in ELISA and Western ELISA.
<b>PRESENTATION:</b>	50ug
<b>BUFFER:</b>	10mM Tris, pH8, 0.02% Sarcosyl
<b>STORAGE/STABILITY:</b>	-75°C/ At least 24 months
<b>SOURCE:</b>	ImmunoDiagnostics Inc. MA, USA.
<b>APPLICATIONS:</b>	ELISA assays may be performed with p27 in solid phase in 10-100ng range. Western ELISA may be performed in 100-500ng depending on the specificity of the primary antibody used in the test system. Dilute p27 stock solution in PBS or tissue culture medium buffer immediately before use.
<b>ACKNOWLEDGEMENTS:</b>	Publications should acknowledge the donor of the reagent and the Centre for AIDS Reagents. Suggested wording can be found on our website in the “Acknowledgement” section at:-

[www.nibsc.org/science\\_and\\_research/virology/centre\\_for\\_aids\\_reagents.aspx](http://www.nibsc.org/science_and_research/virology/centre_for_aids_reagents.aspx)

Please also ensure that you send us a copy of any papers resulting from work using reagents acquired through CFAR, this can be by e-mail or printed copy.