



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Goat Anti Human Immunodeficiency Virus Type 1 (HIV-1), p24Biotin conjugated

Catalog No.	Species	Isotype
MD-05-0244	Virus	IgG

Preparation

Host Animal:	Goat
Immunogen:	Purified native p24 from strain IIIB
Purification:	Purified IgG fraction covalently coupled with the N-Hydroxysuccinimide ester of biotin under mild conditions to give a high degree of substitution

Specificity

p24 (predominate p24 band pattern in Western blot). It does not cross-react with human T or B cells. Not reactive with human or bovine sera.

Formulation

Format:	Biotin, Liquid
Concentration:	4-5mg/ml (OD _{280nm} , E _{0.1%} = 1.4)
Buffer:	0.01M PBS, pH 7.2 Product contains no stabilizing proteins.
Preservatives:	0.1% Sodium azide

Storage

Short-term (up to 6 months) store at 2-8°C. Long term, aliquot and store at -20°C.
Avoid multiple/freeze thaw cycles.
Centrifuge before opening to ensure complete recovery of vial contents.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	.			
Western Blotting	.			
Immunohistology			.	
EIA			.	
Flow Cytometry			.	
Immunofluorescence staining			.	
IFA	.			

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

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