



## RayBiotech, Inc.

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# Certificate of Analysis and Data Sheet

## Goat Anti HIV-1

**Catalog No.**  
MD-05-0233

**Host Animal**  
Goat

### **Description**

Goat Antibody to Human Immunodeficiency Virus Type 1 (HIV-1)

### **Preparation**

**Immunogen:** Human isolate, confirmed

**Purification:** >95% pure. Sodium sulfate precipitation and ion-exchange chromatography

### **Formulation**

**Product Form:** Purified - liquid

**Buffer Solution:** 0.01M PBS, pH 7.2, No stabilizing proteins have been added.

**Preservative Stabilizers:** 0.1% Sodium azide

**Approx. Protein Concentration:** 4-5mg/ml (OD280nm,  $E^{0.1\%} = 1.4$ )

### **Specificity**

Purified virions, disrupted. Reacts with the whole virus. It reacts with all the major viral proteins including p17, p24, gp41, p53, p64, gp120 and gp160. Does not react with T4+human lymphocytes.

### **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..

### **Warning**

This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1–1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

**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**

<b>Options</b> <b>Functions</b>	<b>YES</b>	<b>NO</b>	<b>Not determined</b>	<b>Recommended Work dilution or concentration</b>
ELISA			•	
Western Blotting			•	
IHC - Frozen			•	
IHC - Paraffin			•	
Conjugation	•			
IFA	•			

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

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