

## RayBiotech, Inc.

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# Certificate of Analysis and Data Sheet Goat Anti-Herpes simplex Type-1: Biotin

**Catalog No.**  
MD-05-0271

### **Description:**

Goat Antibody to Herpes Simplex Virus, Type 1 (HSV-1) Biotin conjugated

### **Specificity:**

ICPs and late structural (virion) antigens. Cross-reacts with HSV Type 2 by indirect immunofluorescence.

Does not react with HEp-2 cells.

### **Host Animal:**

Goat

### **Immunogen:**

HSV type 1, strain F (Human) infected cell lysate

### **Format:**

Biotin, Liquid

### **Purification:**

Purified IgG fraction covalently coupled with the N-Hydroxysuccinimide ester of biotin under mild conditions to give a high degree of substitution

### **Concentration:**

4–5mg/ml (OD280nm,  $E^{0.1\%} = 1.4$ )

### **Buffer:**

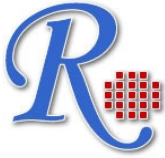
0.01M PBS, pH 7.2

No stabilizing proteins have been added.

### **Preservative:**

0.1% Sodium azide

**The products are furnished for LABORATORY RESEARCH USE ONLY.  
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### ***Applications:***

Suitable for use with avidin and streptavidin amplification systems for IFA.

Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

### ***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.**

### ***References:***

The reference listed below is for research purposes only.

Sondgeroth, K., et al, (2007), “Assessing Flavivirus, Lentivirus and Herpesvirus Exposure in Free-Ranging Ring-Tailed Lemurs in Southwestern Madagascar”, *Journal of Wildlife Diseases*, 43(1): 40-47

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