



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

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

Catalog No.
MD-05-0273

Description:

Goat Antibody to Herpes Simplex Virus, Type 1 (HSV-1) Horseradish Peroxidase 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:

HRP, Liquid

Purification:

Purified IgG fraction covalently coupled to a highly purified preparation of horseradish peroxidase (RZ>3). Care is taken to ensure adequate conjugation while preserving enzyme activity. Free enzyme is not present.

The estimated molar HRP:IgG substitution is 2-3.

Concentration:

1-2mg/ml (OD280nm, $E^{0.1\%} = 1.4$)

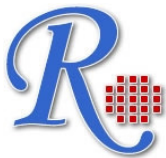
Buffer:

PBS, pH 7.2 containing 10mg/ml BSA

Preservative:

0.002% Thimerosal

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



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Applications:

Suitable for use in ELISA.

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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