



# Meridian

## Life Science,® Inc.

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### CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** B65134G **Lot #:** 3G20413

**Description:** Goat A' Herpes Simplex Type 1  
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:** 1–2 mg/mL (OD280nm, E<sup>0.1%</sup> = 1.4)

**Buffer:** PBS, pH 7.2 containing 10 mg/mL BSA.

**Preservative:** 0.002% Thimerosal

**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.

**Warning:** Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.

**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.

Signature

07 Mar 2017

Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**