



# Meridian

## Life Science,® Inc.

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### CERTIFICATE OF ANALYSIS

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

**Catalog #:** B65121G **Lot #:** 3D09214

**Description:** Goat anti Parainfluenza 1  
Goat Antibody to Parainfluenza Virus Type 1

**Specificity:** Parainfluenza 1, all structural antigens. Recognizes Sendai virus by ELISA. Does not cross-react with Parainfluenza types 2 and 3, Influenza A, Influenza B, Respiratory Syncytial Virus, HSV1, HSV2, Adenovirus, CMV, Measles, Mumps and Rubella by indirect IFA. Does not react with HEp-2 cells or monkey kidney cells by indirect IFA.

**Host Animal:** Goat

**Immunogen:** Cantell Strain

**Format:** Purified, Liquid.

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

**Concentration:** 4-5 mg/mL (OD280nm, E<sup>0.1%</sup> = 1.4)

**Buffer:** 0.01 M Phosphate Buffered Saline, pH 7.2  
This product contains no stabilizing proteins.

**Preservative:** 0.1% Sodium Azide

**Applications:** Suitable for use in IFA. It is also suitable for conjugation purposes. 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.

**Safety Note(s):** Refer to the appropriate Safety Data Sheet (SDS) for additional information.

**References:** The references listed below are for research purposes only:

1. Loo, Y.M., et al., (2008), "Distinct RIG-I and MDA5 Signaling by RNA Viruses in Innate Immunity", *Journal of Virology*, **82**(1): 335-345.
2. Ciriolo, M.R., et al., (1997), "Loss of GSH, Oxidative Stress, and Decrease of Intracellular pH as Sequential Steps in Viral Infection", *The Journal of Biological Chemistry*, **272**(5): 2700-2708.
3. Cianci, C., et al., (2004), "Orally Active Fusion Inhibitor of Respiratory Syncytial Virus", *Antimicrobial Agents and Chemotherapy*, **48**(2): 413-422.

*Brenda Dunn*

08 Jan 2019

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**