

## CERTIFICATE OF ANALYSIS

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

**Catalog #:** R01673 **Lot #:** 2F15921

**Description:** HSV-2 (gG-2) Recombinant  
Herpes Simplex Virus-2 (HSV-2) Glycoprotein G (gG), Recombinant  
Contains His-tag in its N-terminus.  
Contains the gG-2 prepared by expressing the gene US4 from HSV-2.  
Molecular Weight (Calculated): 35.8 kDa.  
Molecular Weight (SDS-PAGE): 66.2 kDa.

**Source:** *E. coli*

**Format:** Purified, Liquid

**Purification:** ~95% pure (12.5% SDS-PAGE). Proprietary method.

**Concentration:** 1.32 mg/mL (OD<sub>280nm</sub>, E<sup>0.1%</sup> = 0.195)

**Buffer:** 20 mM Phosphate Buffer, pH 7, 1 M Sodium Chloride.

**Preservative:** None

**Applications:** Suitable for use in CLIA, ELISA, Lateral Flow and Western Blot. 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:** Upon receipt, store at -20°C to -80°C. Aliquot to avoid multiple freeze/thaw cycles.

**Inactivation:** Not Applicable

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

Quality Signature:



08 JUN 2021

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**