

## CERTIFICATE OF ANALYSIS

**Catalog #:** VTI520 **Lot #** M40000021

**Description:** HSV-1 gG Antigen, Recombinant  
HSV-1 amino terminal region of 190 amino acids (Met<sup>1</sup> – Asp<sup>190</sup>) fused with human superoxide dismutase 1 (SOD) migrating at approximately 50 kDa. The antigen is a colorless, clear solution.

**Source:** *Saccharomyces cerevisiae*  
Product manufactured in the United States using only domestic animal materials processed in U.S. facilities.

**Format:** Purified Liquid **Exp. Date:** 28 MAY 2026

**Protein Concentration:** BCA Assay: **DOM:** 28 MAY 2021  
Acceptable Range:  $\geq 1$  mg/mL  
Testing Results: 1.33 mg /mL

**Identity:** SDS-PAGE Major band at ~47 kD. Comparable to reference standard.  
Testing Results: Pass

Immunospecificity verified by Western Blot.

**Buffer:** 0.05M Malonate, 6M Urea, pH 5.0 – 5.4

**Preservative:** None

**Applications:** Each laboratory should determine an optimum working titer for use in its particular application

**Storage:** Store at  $\leq -65^{\circ}\text{C}$ . Avoid multiple freeze/thaw cycles.

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

  
Quality Signature

11 June 2021  
Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**