

CERTIFICATE OF ANALYSIS

Catalog #: 7705 **Lot #** M22341013
Description: HSV-2 Antigen
Viral Strain: G (ATCC)
Source: Grown in Vero Cells
Product manufactured in the United States using only domestic animal materials processed in U.S. facilities.
Format: Liquid **Exp. Date:** 21 JUN 2024

Protein

Concentration: OD 260/280nm Assay:
Acceptable Range: 0.2 – 0.8 mg/mL
Testing Results: 0.6 mg/mL

Activity: ELISA Assay: Reference Antigen Lot Number: M22341013
Testing Results: Midpoint Titer (test antigen): 172.7
Acceptable Range: -15% - +50% of Reference Antigen % of Reference: 12.99 %

Testing Results: Midpoint Titer (reference antigen): 152.9

Background ELISA Ratio: Acceptable ≤ 2

Test Result: 1.2

Sensitivity/Specificity Negative Control: Acceptable To Report

Test Result: Acceptable

Sensitivity/Specificity Medium Positive Control: Acceptable ≥ 3

Test Result: 10.5

Sensitivity/Specificity High Positive Control: Acceptable ≥ 8

Test Result: 12.1

Buffer: 0.1 M Glycine Buffer, pH 9.3 – 9.7

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.

Inactivation: Product inactivated by chemical disruption and verified by Infectivity Testing (Cell Culture).
Acceptable Range: 0 CPE
Testing Results: Pass

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

Quality Signature

21 June 2022
Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY