



Meridian

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CERTIFICATE OF ANALYSIS

Catalog #: 7517 **Lot #** M32442018

Description: CMV-EXT-2 Antigen, Concentrate

Viral Strain: AD169

Source: Grown in Human Fibroblast Cells Product manufactured in the United States using only domestic animal materials processed in U.S. facilities.

Format: Liquid **Exp. Date:** 04 MAY 2023

Protein Concentration: OD 260/280nm Assay:
Acceptable Range: 0.2 – 1.0mg/mL
Testing Results: 0.42 mg/mL

Activity: ELISA Assay: Reference Antigen Lot Number: 050722
Testing Results: Midpoint Titer (test antigen): 222.63
Acceptable Range: -15% - +50% of Reference Antigen % of Reference: 1.00 %

Testing Results: Midpoint Titer (reference antigen): 220.44
Background ELISA Ratio: Acceptable ≤ 2 Test Result: 1.0
Sensitivity/Specificity Negative Control: Acceptable To Report Test Result: Acceptable
Sensitivity/Specificity Medium Positive Control: Acceptable ≥ 3 Test Result: 14.15
Sensitivity/Specificity High Positive Control: Acceptable ≥ 8 Test Result: 18.33

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


Signature

31 May 2018

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY