

## CERTIFICATE OF ANALYSIS

**Catalog #:** 7604 **Lot #:** M41740022

**Description:** Rubeola Antigen

**Viral Strain:** Edmonston **DOM:** 17 JAN 2022

**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:** 17 JAN 2027

**Protein Concentration:** OD 260/280nm Assay:  
Acceptable Range: 0.2 – 0.4 mg/mL  
Testing Results: 0.29 mg/mL

**Activity:** ELISA Assay: Reference Lot Number: M32986019  
Testing Results: Midpoint Titer (test antigen): 101.353  
Acceptable Range: -15% - +50% of Reference Antigen % of Reference: 35.63 %  
  
Testing Results: Midpoint Titer (reference antigen): 74.73  
  
Background ELISA Ratio: Acceptable  $\leq 2$  Test Result: 1  
  
Sensitivity/Specificity Negative Control: Acceptable To Report Test Result: Acceptable  
  
Sensitivity/Specificity Medium Positive Control: Acceptable  $\geq 3$  Test Result: 15  
  
Sensitivity/Specificity High Positive Control: Acceptable  $\geq 8$  Test Result: 16

**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 UV and verified by Infectivity Testing (Cell Culture).  
Acceptable Range: 0 CPE  
Testing Results: Pass

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

Quality Signature:



28 January 2022

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**