

CERTIFICATE OF ANALYSIS

Catalog #:	8099	Lot #	M38542021
Description:	Mumps Virus Antigen		
Viral Strain:	Enders		
Source:	Grown in LLC-MK ₂ Cells Product manufactured in the United States using only domestic animal materials processed in U.S. facilities.		
Format:	Liquid	Exp. Date:	19 JAN 2026
Protein Concentration:	OD 260/280nm Assay: Acceptable Range: 0.6 – 1.0 mg/mL Testing Results: 0.90 mg/mL	DOM:	19 JAN 2021
Activity:	ELISA Assay: Reference Lot Number: M14138009 Testing Results: Midpoint Titer (test antigen): 323.987 Acceptable Range: -15% - +50% of Reference Antigen % of Reference: 3.62% Testing Results: Midpoint Titer (reference antigen): 312.662 Background ELISA Ratio: Acceptable ≤ 2 Test Result: 1 Sensitivity/Specificity Negative Control: Acceptable To Report Test Result: Acceptable Sensitivity/Specificity Medium Positive Control: Acceptable ≥ 3 Test Result: 8 Sensitivity/Specificity High Positive Control: Acceptable ≥ 8 Test Result: 25		
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 Notes:	Refer to the appropriate Safety Data Sheet (SDS) for additional information		


Quality Signature

19 February 2021
Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY