

CERTIFICATE OF ANALYSIS

Catalog #:	A66186M	Lot #	M44366023
Description:	Mouse IgG – Protein A (9 – 13 mg/mL) Mouse immunoglobulin G (IgG), 9 – 13 mg/mL		
Source:	Mouse Serum Normal mouse serum from China, sourced from healthy animals under veterinarian supervision. Purified material processed in the USA.		
Format:	Purified, Liquid	Exp. Date:	04 Nov 2027
Purification:	Protein A Chromatography Product is 0.2 µm filtered	DOM:	04 Nov 2022
Purity:	SDS-PAGE (reduced, 5 µg load) must demonstrate 2 major bands at ~50 kDa and ~25 kDa Acceptable Range: ≥ 95% Testing Results: Pass		
Protein Concentration:	OD 280nm Assay ($E^{0.1\%} = 1.4$): Acceptable Range: 9 – 13 mg/mL Testing Results: 12.2 mg/mL		
Protein A Level:	Titerzyme Protein A ELISA Acceptable Range: < 40 ng/mL Testing Results: Pass		
Bioburden:	Direct Inoculation on Solid Media Acceptable Range: ≤ 5 CFU/mL Testing Results: Pass		
Buffer:	10 mM Sodium Phosphate, 150 mM Sodium Chloride, pH 7.0 – 7.4		
Preservative:	0.05% Sodium Azide		
Applications:	Each laboratory should determine an optimum working titer for use in its particular application		
Storage:	Store at ≤ -20°C. Partial thawing during shipment will not affect product performance. Slight precipitation may occur on storage which can be removed by centrifugation and/or filtration and should not affect performance.		
Safety Notes:	Refer to the appropriate Safety Data Sheet (SDS) for additional information		

Quality Signature: 

28 Nov 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY