

Certificate of Analysis

Product: Goat anti-Mouse IgG (H&L), Affinity Pure

Part Number: GtxMu-003-D

Lot Number: 80-109-062221

Concentration: 9.48 mg/ml ($E^{1\%}$ at 280 nm = 13.0)

Amount: 2.0 mg

Form: Clear, colorless liquid, 0.2 μ m filtered

Purification: Affinity purified using solid phase Mouse IgG

Purity: $\geq 95\%$ based on SDS-PAGE

Host: Goat

Immunogen: Purified Mouse IgG, whole molecule

Buffer: 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Preservative: 0.05 % (w/v) Sodium Azide

Storage: 2-8 °C

Expiration Date: June 22, 2024

Specificity: Based on IEP, this antibody reacts with:

- heavy (γ) chains on Mouse IgG
- light chains on all Mouse immunoglobulins

Cross Reactivity: Based on IEP, no reactivity is observed to:

- non-immunoglobulin Mouse serum proteins

Country of Origin: Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian.

Applications: The optimal working dilution should be determined by the investigator.
Suitable for use in: ELISA, IP, IDA, WB, IHC, Absorption

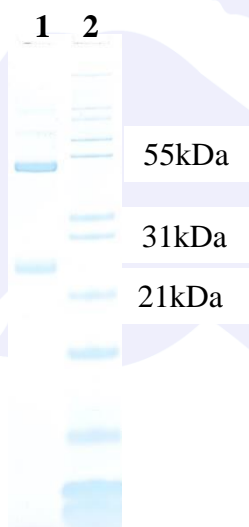
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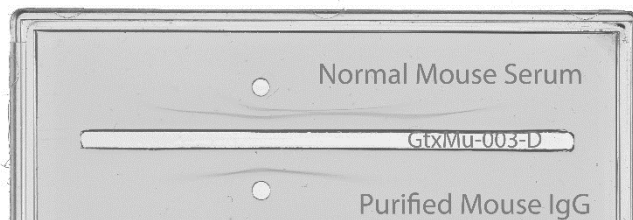
Testing Results

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<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear and Colorless	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none">heavy (γ) chains on Mouse IgGlight chains on all Mouse immunoglobulins	PASS PASS
Cross Reactivity:	Based on IEP, no precipitin bands are observed to: <ul style="list-style-type: none">non-immunoglobulin Mouse serum proteins	PASS

SDS PAGE**Immunoelectrophoresis (IEP)**

IEP for Goat anti-Mouse IgG (H&L), Affinity Pure
Part #: GtxMu-003-D Lot #: 61-145-032620



- 1) GtxMu-003-D, Lot # 80-109-062221
- 2) Mol Weight Standard

Date: July 1, 2021

Signature: _____


Quality Control