

Certificate of Analysis

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

Part Number: GtxBo-003-D
Lot Number: 47-81-081816
Concentration: 8.15 mg/ml (E^{1%} at 280 nm = 13.0)
Amount: 2.0 mg
Form: Clear, colorless liquid, 0.2 µm filtered
Purification: Affinity purified using solid phase Bovine IgG
Purity: ≥ 95 % based on SDS-PAGE
Host: Goat
Immunogen: Purified Bovine 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: July 22, 2024

Specificity: Based on IEP, this antibody reacts with:

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

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

- non-immunoglobulin Bovine 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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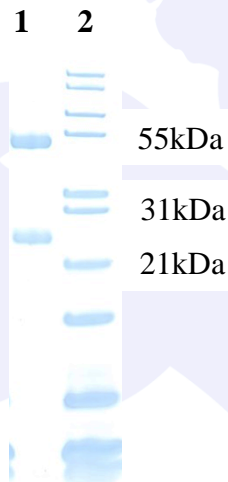
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Testing Results

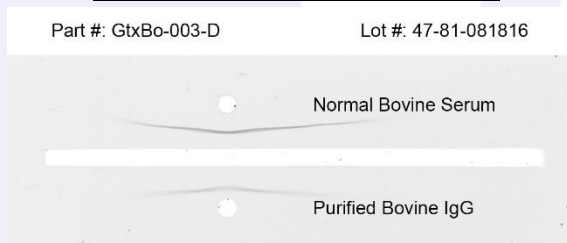
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<u>TESTS</u>	<u>SPECIFIBOVINEIONS</u>	<u>RESULTS</u>
Appearance:	Clear, colorless liquid	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none">heavy (γ) chains on Bovine IgGlight chains on all Bovine immunoglobulins	PASS PASS
Cross Reactivity:	Based on IEP, this antibody does not have precipitin bands to: <ul style="list-style-type: none">non-immunoglobulin Bovine serum proteins	PASS

SDS-PAGE



Immunoelectrophoresis (IEP)



- 1) GtxBo-003-D, Lot # 47-81-081816
- 2) Mol Weight Standard

Date: July 22, 2021

Signature:  _____
Quality Control