

Certificate of Analysis

Product: Rabbit anti-Guinea Pig IgG (H&L), Affinity Pure

Part Number: RbxGp-003-D
Lot Number: 50-63-042616
Concentration: 10.3 mg/ml ($E^{1\%}$ at 280 nm = 14.0)
Amount: 1.0 mg
Form: Clear, colorless liquid, 0.2 μ m filtered
Purification: Affinity purified using solid phase Guinea Pig IgG
Purity: $\geq 95\%$ based on SDS-PAGE
Host: Rabbit
Immunogen: Purified Guinea Pig 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 $^{\circ}$ C
Expiration Date: December 08, 2022
Specificity: Based on IEP, this antibody reacts with:

- heavy (γ) chains on Guinea Pig IgG
- light chains on all Guinea Pig immunoglobulins

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

- non-immunoglobulin Guinea Pig serum proteins

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

Applications: This antibody is suitable for use in most immunoassay formats for the detection of Guinea Pig IgG or as a capture antibody in ELISA type formats. This antibody is suitable for use in Western ImmunoBlots and ImmunoHistoChemistry (IHC). This antibody will cross react with IgG from other species. The optimal working dilution should be determined by the investigator.

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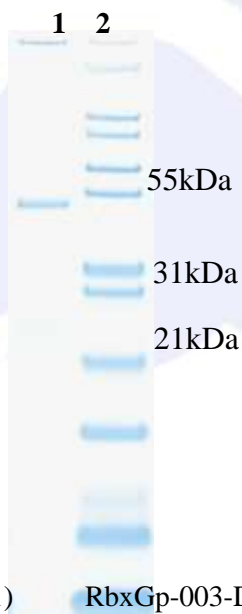
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Testing Results

PRODUCT: Rabbit anti-Guinea Pig IgG (H&L), Affinity Pure
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<u>TESTS</u>	<u>SPECIFICATIONS</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 Guinea Pig IgGlight chains on all Guinea Pig immunoglobulins	PASS PASS
Cross Reactivity:	Based on IEP, this antibody does not have precipitin bands to: <ul style="list-style-type: none">non-immunoglobulin Guinea Pig serum proteins	PASS

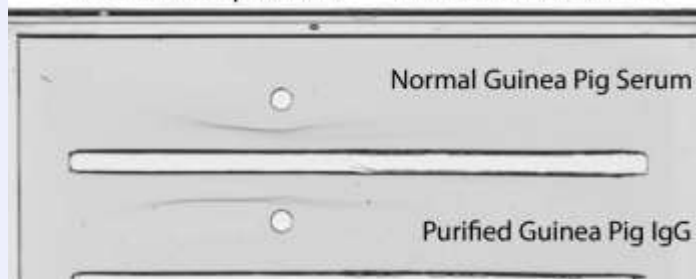
SDS-PAGE



- 1) RbxGp-003-D, Lot # 50-63-042616
2) Mol Weight Standard

Immunoelectrophoresis (IEP)

IEP Image for Rabbit anti-Guinea Pig IgG (H&L),
Affinity Pure
Part # RbxGp-003-D Lot # 50-63-042616



Date: January 7, 2021

Signature: _____

Quality Control