

Certificate of Analysis

Product: Rabbit anti-Hamster IgG (H&L), FITC Conjugate

Part Number: RbxHa-003-DFITC

Lot Number: 69-110-121819

Amount: 2.0 mg of antibody at 1.50 mg/ml ($E^{1\%}$ at 280 nm = 13.0)

Fluorophore: Fluorescein-5-isothiocyanate
Amax = 494 nm; Emax = 518 nm

Fluor/Protein Ratio: 6.1 Moles FITC per Mole Antibody

Form: Clear, fluorescent yellow liquid

Purification: Affinity purified using solid phase Hamster IgG

Purity: Affinity purified antibody is $\geq 95\%$ based on SDS-PAGE

Host: Rabbit

Immunogen: Purified Hamster IgG, whole molecule

Buffer: 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2,
1 % (w/v) BSA, Protease/IgG free

Preservative: 0.05 % (w/v) Sodium Azide

Storage: Store undiluted liquid at 2-8 °C. Prepare working dilution prior to use and then discard.

Shelf Life: 1 year from date of receipt

Specificity: Based on IEP, this antibody reacts with:

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

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

- non-immunoglobulin Hamster serum proteins

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

Note: This conjugate was prepared using Part # RbxHa-003-D, Lot # 33-108-062414.

Applications: This conjugate is suitable for immunomicroscopy and flow cytometry. The optimal working dilution should be determined by the investigator. Suggested starting dilution(s):

- 1:20 – 1:2,000 for Immunohistochemistry
- 1:50 – 1:5,000 for Immunocytochemistry

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Testing Results

PRODUCT: Rabbit anti-Hamster IgG (H&L), FITC Conjugate
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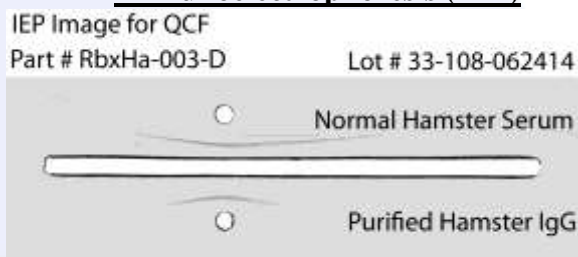
<u>TEST</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear, fluorescent yellow liquid	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS-PAGE	PASS
Specificity:	Based on IEP, this antibody has precipitin bands with: <ul style="list-style-type: none">heavy (γ) chains on Hamster IgGlight chains on all Hamster immunoglobulins	PASS PASS
Cross Reactivity:	Based on IEP, this antibody does not have precipitin bands to: <ul style="list-style-type: none">non-immunoglobulin Hamster serum proteins	PASS
FLISA:	Mean fluorescent value of 8 μ g/ml of FITC conjugate when tested against normal Hamster IgG coated at 4 μ g/ml	1913 MFI's
F.I.T.:	Mean fluorescent intensity of a 1:1000 dilution at Ex-494 nm (+/-9)/Em-519 nm (+/-9)	8931 MFI's

SDS-PAGE



- 1) RbxHa-003-D, Lot # 33-108-062414
2) Mol Weight Standard

Immunoelectrophoresis (IEP)



Date: December 20, 2019

Signature: 
Quality Control