
Certificate of Analysis

Product:	Goat anti-Rat IgG (H&L) – Affinity Pure, TRITC Conjugate
Part Number:	GtxRt-003-DRHOX
Lot Number:	68-10-110618
Amount:	1.0 mg of antibody lyophilized ($E^{1\%}$ at 280 nm = 13.0) (Product has been overfilled to ensure maximum recovery)
Fluorophore:	Tetramethylrhodamine-5(and 6)-isothiocyanate (TRITC) Amax = 550 nm; Emax = 570 nm
Fluor/Protein Ratio:	1.3 Moles TRITC per Mole Antibody
Purification:	Antibody was affinity purified using solid phase Rat IgG
Purity:	Affinity purified antibody is $\geq 95\%$ based on SDS-PAGE
Host:	Goat
Immunogen:	Purified Rat IgG
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
Reconstitution:	Rehydrate with 1.1 ml of deionized water. Allow solution to stand at room temperature for at least 30 minutes to dissolve. Centrifuge to remove any remaining particulates. Prepare fresh working dilution daily.
Storage:	Store freeze dried powder at 2-8°C
Shelf Life:	1 year from date of receipt.
Specificity:	Based on IEP, this antibody reacts with: <ul style="list-style-type: none">• heavy (γ) chains on rat IgG• light chains on all rat immunoglobulins
Cross Reactivity:	Based on IEP, no reactivity is observed to: <ul style="list-style-type: none">• non-immunoglobulin rat serum proteins
Country of Origin:	Goat antiserum was obtained from animals of US origin and under the care of a registered veterinarian.
Note:	This product was prepared using Part # GtxRt-003-D, Lot# 35-17-012814.
Applications:	This conjugate is suitable for immuno-microscopy and flow cytometry. The optimal working dilution should be determined by the investigator. Suggested starting dilution(s): <ul style="list-style-type: none">• 1:20 – 1:2,000 for most applications

Disclaimer: *For in vitro Laboratory Use Only.* Not for diagnostic or therapeutic use. Not for human or animal consumption. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license under any patent of ImmunoReagents, Inc.

Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.

Testing Results

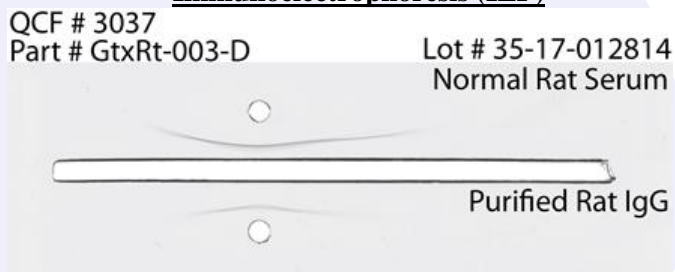
PRODUCT: Goat anti-Rat IgG (H&L) – Affinity Pure, TRITC conjugate
PART NUMBER: GtxRt-003-DRHOX
LOT NUMBER: 68-10-110618

<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Pink fluorescent powder	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 rat IgGlight chains on all rat immunoglobulins	PASS PASS
Cross Reactivity:	Based on IEP, no precipitin bands are observed to: <ul style="list-style-type: none">non-immunoglobulin rat serum proteins	PASS
FLISA:	Mean fluorescent value of 8 μ g/ml of TRITC conjugate when tested against normal rat IgG coated at 4 μ g/ml.	111 MFI's
F.I.T.:	Mean fluorescent intensity of a 1:1000 dilution at Ex-550 nm (+/-9) / Em-570 nm (+/-9)	212 MFI's

SDS PAGE



Immunoelectrophoresis (IEP)



- 1) GtxRt-003-D Lot # 35-17-012814
- 2) Mol Weight Standard

Date: November 27, 2018

Signature: 
Quality Control