

Certificate of Analysis

Product: Goat anti-Human Kappa (κ) Light Chain, Affinity Pure

Part Number: GtxHu-084-E
Lot Number: 65-119-030619
Concentration: 2.5 mg/ml ($E^{1\%}$ at 280 nm = 13.0)
Amount: 1.0 mg
Form: Clear, colorless liquid, 0.2 μ m filtered
Purification: Affinity purified using solid phase Human Kappa (κ) Chain
Purity: $\geq 95\%$ based on SDS-PAGE
Host: Goat
Immunogen: Purified Human Kappa (κ) Light Chain
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: March 6, 2022
Specificity: Based on IEP, this antibody reacts with:

- kappa (κ) light chains on all Human immunoglobulins

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

- non-immunoglobulin Human serum proteins
- heavy chains on all Human immunoglobulins
- lambda (λ) light chains on all Human immunoglobulins
- Mouse serum proteins

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

Note: This product was produced by dilution of part # GtxHu-084-E, Lot # 27-154-102213.

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

Testing Results

PRODUCT: Goat anti-Human Kappa (κ) Light Chain, 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">kappa (κ) light chains on all Human immunoglobulins	PASS
Cross Reactivity:	Based on IEP, this antibody does not have precipitin bands to: <ul style="list-style-type: none">non-immunoglobulin Human serum proteinsheavy chains on all Human immunoglobulinslambda (λ) light chains on all Human immunoglobulinsMouse serum proteins	PASS PASS PASS PASS

SDS-PAGE

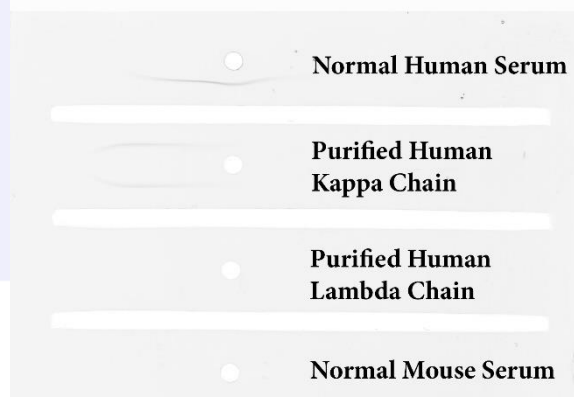


Immunoelectrophoresis (IEP)

QCF # 3084

Part # GtxHu-084-E

Lot # 27-154-102213



- 1) GtxHu-084-E, Lot # 27-154-102213
- 2) Mol Weight Standard

Date: March 11, 2019

Signature: 
Quality Control