

Certificate of Analysis

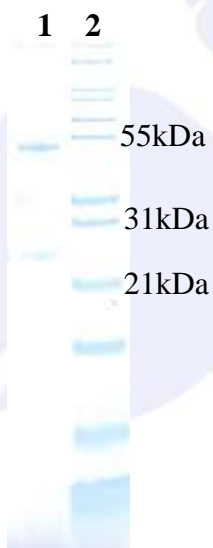
| | |
|--------------------|--|
| Product: | Goat anti-Human IgE (ε chain), Affinity Pure |
| Part Number: | GtxHu-002-D |
| Lot Number: | 68-165-111519 |
| Concentration: | 10.0 mg/ml (E ^{1%} at 280 nm = 13.0) |
| Amount: | 1.0 mg |
| Form: | Clear, colorless liquid, 0.2 μm filtered |
| Purification: | Affinity purified using solid phase Human IgE |
| Purity: | ≥ 95% based on SDS-PAGE |
| Host: | Goat |
| Immunogen: | Purified Human IgE, ε chain |
| 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: | November 15, 2022 |
| Specificity: | Based on IEP, this antibody reacts with: <ul style="list-style-type: none">• heavy (ε) chains on Human IgE |
| Cross Reactivity: | Based on IEP, no reactivity is observed to: <ul style="list-style-type: none">• light chains on all Human immunoglobulins• non-immunoglobulin Human serum proteins |
| Country of Origin: | Goat serum was obtained from healthy animals of US origin and under the care of a registered veterinarian. |
| Applications: | Suitable for use in: ELISA, WB, IHC, ICC, CL, FACS, IM, IF. The optimal working dilution should be determined by the investigator. |
| Disclaimer: | <i>For in vitro Laboratory Use Only.</i> Not for diagnostic or therapeutic use. Not for Human or animal consumption. The proper selection and use of our products is the sole responsibility of the end user, and therefore we can offer no guarantee to a specific experimental outcome. 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

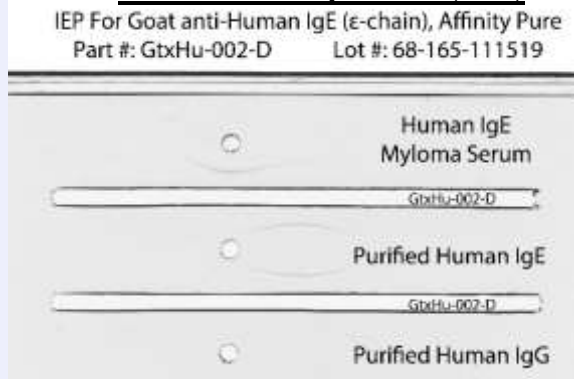
PRODUCT: Goat anti-Human IgE (ϵ chain), Affinity Pure
PART NUMBER: GtxHu-002-D
LOT NUMBER: 68-165-111519

| <u>TESTS</u> | <u>SPECIFICATIONS</u> | <u>RESULTS</u> |
|-------------------|--|----------------|
| Appearance: | Clear and Colorless | 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 (ϵ) chains on Human IgE | PASS |
| Cross Reactivity: | Based on IEP, this antibody does not have precipitin bands to: <ul style="list-style-type: none">light chains on all Human immunoglobulinsnon-immunoglobulin Human serum proteins | PASS PASS |

SDS PAGE



Immunoelectrophoresis (IEP)



- 1) GtxHu-002-D, Lot # 68-165-111519
- 2) Mol Weight Standard

Date: November 20, 2019

Signature: John Alt