*ImmunoReagents,Inc.

6003 Chapel Hill Road · Suite # 153 · Raleigh, NC 27607

Certificate of Analysis

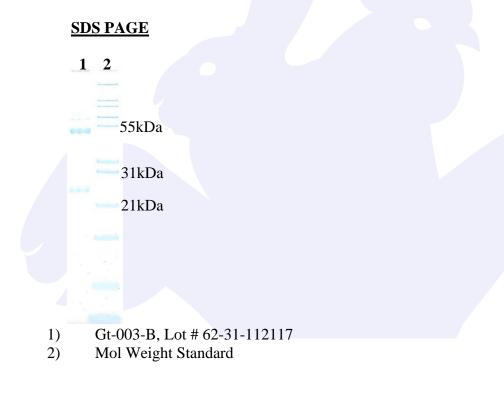
| Product: | Goat Ig Fraction | | |
|--------------------|---|--|--|
| Part Number: | Gt-003-B | | |
| Lot Number: | 62-31-112117 | | |
| Concentration: | 20.6 mg/ml (E ^{1%} at 280 nm = 13.0) | | |
| Amount: | 10 mg | | |
| Label: | Unconjugated | | |
| Form: | Clear, colorless to yellowish liquid, 0.2 μ m filtered | | |
| Purification: | Proprietary two step fractionation procedure | | |
| Purity: | Ig fraction is $\geq 80\%$ based on SDS-PAGE | | |
| Host: | Goat | | |
| Immunogen: | None | | |
| 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: | February 18, 2022 | | |
| Country of Origin: | Goat 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 as a blocking | | |
| | reagent or control. The optimal working dilution should be determined by the | | |
| | investigator. | | |
| 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. | | |
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| | Product may not be resold or modified for resale without prior written approval | | |
| | of ImmunoReagents, Inc. | | |

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Testing Results

| PRODUCT: PART NUMBER: LOT NUMBER: | Goat Ig Fraction Gt-003-B 62-31-112117 | |
|---|--|------------------------|
| <u>TESTS</u> Appearance | SPECIFICATIONSClear, colorless to yellowish liquid | <u>RESULTS</u> PASS |
| Purity: | Two predominant bands at 50 and 24 kDa based on SDS PAGE | PASS |



Date: February 18, 2020

Signature: Quality Control 0