

Certificate of Analysis

Product: Purified Human IgM, Whole Molecule

Part Number: Hu-006-M

Lot Number: 80-55-012821

Concentration: 8.66 mg/ml (E^{1%} at 280 nm = 11.8)

Amount: 1.0 mg

Form: Clear, colorless liquid

Purity: ≥ 95 % by SDS PAGE

Host: Human

Source: Human Myeloma Plasma

Buffer: 50 mM TRIS, pH 8.0, 0.2 M Sodium Chloride

Preservative: 0.05 % (w/v) Sodium Azide

Storage: 2-8 °C

Expiration Date: January 28, 2024

Specificity: Based on IEP, precipitin bands occur when reacted against antibodies to:

- Whole Human serum
- Human IgM
- Kappa light chain

Cross Reactivity: Based on IEP, this protein does not form precipitin bands against antibodies to:

- Human IgA, IgG, IgD, IgE or lambda light chain

Note: To be used as a blocking reagent, normal control, or standard in most immunoassay protocols. The optimal working dilution should be determined by the investigator.

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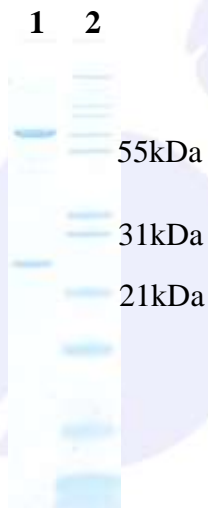
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Testing Results

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| <u>TESTS</u> | <u>SPECIFICATIONS</u> | <u>RESULTS</u> |
|--------------|--|----------------|
| Appearance: | Clear, colorless liquid | PASS |
| Purity: | Two predominant bands at 70 kDa and 24 kDa based on SDS-PAGE | PASS |

SDS-PAGE



- 1) Hu-006-M, Lot # 80-55-012821
- 2) Mol Weight Standard

Date: February 1, 2021

Signature: _____



Quality Control