

Certificate of Analysis

Product: Purified Human IgA1

Part Number: Hu-107-M
Lot Number: 79-13-081220
Concentration: 2.81 mg/ml (E^{1%} at 280 nm = 13.0)
Amount: 5.0 mg
Form: Clear, colorless liquid, 0.2 µm filtered
Purity: ≥ 95 % based on SDS-PAGE
Isotype: Kappa
Buffer: 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative: 0.05 % (w/v) Sodium Azide
Storage: -20° C for long term storage. 2-8° C for short term storage.
Expiration Date: August 12, 2023

Reactivity: Single arc by IEP against antisera to whole serum, human IgA1, and human kappa. No reaction to antisera to human IgA2, IgG, IgD, IgE, and lambda.

Country of Origin: Human myeloma plasma was obtained from donors of US origin.

Disease Testing: Donor serum was tested by FDA approved methods and found negative for antibodies to HIV 1/2 and HCV. Donor serum was tested by FDA approved methods and found negative for HBsAg, HIV-1.

Applications: This antibody is suitable for use in most immunoassay formats as a control or standard. 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. 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.

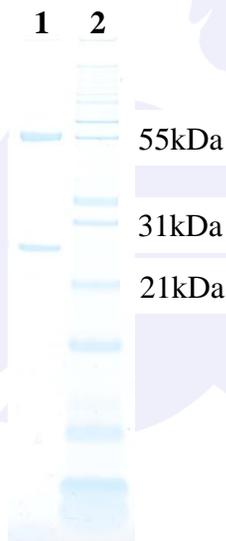
Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.

Testing Results

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<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear, colorless liquid	PASS
Purity:	Two predominant bands at 55 and 24 kDa based on SDS-PAGE	PASS
Reactivity:	Single arc by IEP against antisera to whole serum, human IgA1, and human kappa. No reaction to antisera to human IgA2, IgG, IgD, IgE, and lambda.	PASS

SDS-PAGE



- 1) Hu-107-M, Lot # 79-13-081220
- 2) Mol Weight Standard

Date: August 14, 2020

Signature: _____


Quality Control