
Certificate of Analysis

Product: Purified Human IgG, Biotin Conjugate

Part Number: Hu-003-CBIO
Lot Number: 69-104-112019
Amount: 0.5 mg of antibody at 1.5 mg antibody/ml ($E^{1\%}$ at 280 nm = 13.0)
Label: NHS-LC Biotin
Purification: Proprietary PEG Precipitation Process
Purity: $\geq 95\%$ based on SDS-PAGE
Buffer: 10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2,
1 % (w/v) BSA, Protease/IgG free
Preservative: 0.05 % (w/v) Sodium Azide
Storage: 2-8 ° C
Shelf Life: 1 year from date of receipt

Country of Origin: IgG was prepared using serum obtained from healthy individuals of US origin.
Note: Product was prepared using Part # Hu-003-C, Lot # 67-116-110419

Applications: This conjugate is suitable for all immunoassay applications. The optimal working dilution should be determined by the investigator. Suggested starting dilution(s):

- 1:2,000 – 1:20,000 for ELISA/Western blot
- 1:500 – 1:5,000 for Immunohistochemistry

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.

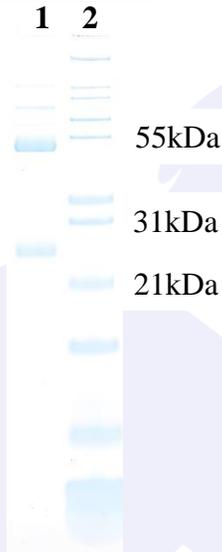
Product may not be resold or modified for resale without prior written approval of ImmunoReagents, Inc.

Testing Results

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<u>TESTS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance:	Clear and Colorless	PASS
Purity:	Two predominant bands at 50 and 24 kDa based on SDS PAGE	PASS
ELISA:	Dilution giving A ⁴⁰⁵ reading of ≥ 1.0 when tested against Goat anti-Human IgG (H&L) coated at 2 μ g/ml	1: 1,190,000

SDS PAGE



Date: November 25, 2019

Signature:  _____
Quality Control