

Product Datasheet

Human IgG F(ab) Isotype Control NBP1-97020

Unit Size: 2 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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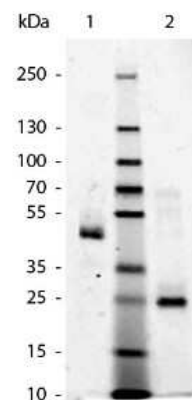
NBP1-97020**Human IgG F(ab) Isotype Control**

Product Information	
Unit Size	2 mg
Concentration	Please contact technical services for concentration.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Multi-step
Buffer	0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	<p>This product was prepared from normal serum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by papain digestion and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Human Serum, anti- Human IgG and anti- Human IgG F(ab')₂</p> <p>Store vial at 4C prior to opening. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use. For extended storage, aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing.</p> <p>No test method can provide total assurance that the hepatitis B virus, hepatitis C virus, human immunodeficiency virus, or any other infectious agents are absent. Thus, all blood products, including purified proteins derived from human blood sources, should be handled at Biosafety Level 2 as recommended by the CDC \NIH manual entitled Biosafety in Microbiological and Biomedical Laboratories for potentially infectious human serum, blood specimens or proteins derived from same. Source material for the human blood product supplied to your facility has been tested for the detection of HIV antibody, Hepatitis B surface antigen, antibody to Hepatitis C, HIV 1 antigen(s), antibody to HTLV - I/II, and syphilis by FDA guidelines. All units were found to be non-reactive/negative for these tests. All human blood source material is collected in FDA licensed centers and is tested with FDA approved test kits.</p>
Host	Human
Species	Human
Specificity/Sensitivity	No reaction was observed against anti- Human IgG F(c) or anti-Papain.
Product Application Details	
Applications	Western Blot, ELISA, SDS-Page
Recommended Dilutions	Western Blot, ELISA, SDS-Page 1:100 - 1:2000
Application Notes	This product has been tested in SDS-Page and can be utilized as a control or standard reagent in Western Blotting and ELISA experiments.

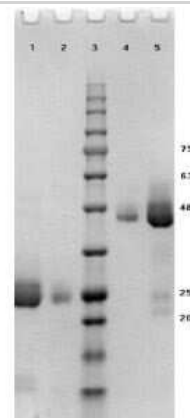


Images

SDS-Page: Human IgG F(ab) Isotype Control [NBP1-97020] - SDS-Page of Human Fab. Lane 1: Human Fab - Non-Reduced. Lane 2: Human Fab - Reduced. Load: 1.0 ug per lane. Predicted/Observed size - Non-Reduced: 50 kDa, 50 kDa for Human Fab. Predicted/Observed size - Reduced: 25 kDa, 25 kDa for Human Fab. Other band(s): None.



SDS-Page: Human IgG F(ab) Isotype Control [NBP1-97020] - SDS-PAGE results of Human IgG Fab Fragment. Lane 1: reduced Human IgG Fab Fragment (5ug). Lane 2: reduced Human IgG Fab Fragment (1ug). Lane 3: Opal Prestained Molecular Weight Ladder. Lane 4: non-reduced Human IgG Fab Fragment (1ug). Lane 5: non-reduced Human IgG Fab Fragment (5ug). 4-20% Lonza SDS-PAGE; Coomassie Stained; ChemiDoc Imaged.





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Products Related to NBP1-97020

NB500-467	Mouse anti-Human IgG F(ab) Secondary Antibody (4A11)
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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Isotype Controls are guaranteed for 1 year from date of receipt.

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