antibodies -online.com







gamma Globulin Fraction Protein

Images



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Quantity:	1 g
Target:	gamma Globulin Fraction
Origin:	Goat
Source:	Goat
Protein Type:	Native
Application:	Control (Ct), SDS-PAGE (SDS), ELISA
Product Details	
Purpose:	Goat Gamma Globulin Fraction consists of the fraction of blood serum which contains whole antibodies as well as other non-albumin plasma proteins.
Characteristics:	Goat gamma globulin blocking reagent is an ideal blocker for western blotting, ELISA, Immunohistochemistry and other detection assays. Gamma globulins are a class of globulins, identified by their position after serum protein electrophoresis. The most significant gamma globulins are immunoglobulins ("Igs"), more commonly known as antibodies, although some Igs are not gamma globulins, and some gamma globulins are not Igs. Globulin is one of the three main types of serum proteins, the others being albumin and fibrinogen.
Purification:	This product was prepared from normal serum by a multi-step process which includes delipidation and salt fractionation followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in precipitin arcs against anti-Goat Serum corresponding to gamma globulins.

Target Details

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gamma Globulin Fraction

Application Details

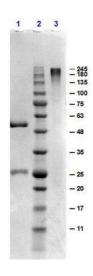
Restrictions:

For Research Use only

Handling

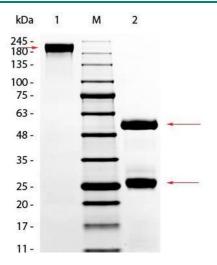
Format:	Lyophilized	
Reconstitution:	Restore with deionized water (or equivalent)	
Concentration:	40 mg/ml	
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2	
Preservative:	Without preservative	
Handling Advice:	Avoid cycles of freezing and thawing.	
Storage:	4 °C/-20 °C	
Storage Comment:	Store vial at 4 °C prior to restoration. For extended storage aliquot contents and freeze at -20 °C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. The product is stable for several weeks at 4 °C as an undiluted liquid. Dilute only prior to immediate use.	
Expiry Date:	12 months	

Images



SDS-PAGE

Image 1. SDS-PAGE results of Goat Gamma Globulin. Lane 1: reduced Goat Gamma Globulin. Lane 2: Opal PreStained Molecular Weight Ladder . Lane 3: non-reduced Goat Gamma Globulin. Load: 1.0µg. 4-20% SDS Gel, Coomassie Blue Stained. Expect: reduced at 55, 25 kDa; non-reduced 150-170kDa, migrates higher.



SDS-PAGE

Image 2. SDS-PAGE of Goat Gamma Globulin Fraction. Lane 1: Non-reduced Goat Gamma Globulin Fraction. M: 5μ L OPAL Pre-stained Marker (MB-210-0500). Lane 2: Reduced Goat Gamma Globulin Fraction. Load: 1 μ g per lane. Predicted/Observed size: Non-reduced at 150-170 kDa , Reduced at 55, 25 kDa. Non-reduced migrates slightly higher.