

Datasheet for D612-0100

Sheep Gamma Globulin Fraction

Overview

Description:	Sheep Gamma Globulin Fraction - D612-0100
Item No.:	D612-0100
Size:	100 mg
Applications:	SDS-PAGE
Origin:	Sheep

Product Details

Background:	Sheep 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. Some globulins are produced in the liver, while others are made by the immune system.
Synonyms:	Plasma Gamma Globulin, Serum Gamma Globulin, Globulin Fractions, Gammaglobulin, sheep gamma fraction
Species of Origin:	Sheep
Type:	Native Protein

Target Details

Purity/Specificity:	Gamma Globulin was prepared from normal sheep 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-Sheep Serum corresponding to gamma globulins.
Relevant Links:	D612 SDS

Application Details

Tested Applications:	SDS-PAGE
Application Note:	Sheep Gamma Globulin Fraction has been tested by SDS-PAGE and can be utilized in Western Blotting and ELISA experiments.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	User Optimized
IHC:	User Optimized
WB:	User Optimized

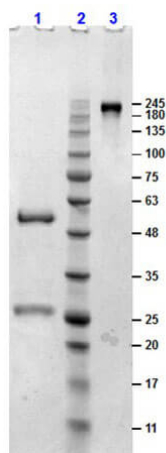
Formulation

Physical State:	Lyophilized
Concentration:	50 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None
Reconstitution Volume:	10.0 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	Store Sheep Gamma 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. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



SDS-PAGE

SDS-PAGE results of Sheep Gamma Globulin. Lane 1: reduced Sheep Gamma Globulin. Lane 2: Opal PreStained Molecular Weight Ladder (p/n MB-210-0500). Lane 3: non-reduced Sheep Gamma Globulin. Load: 1.0µg. 4-20% SDS Gel, Coomassie Blue Stained.

Disclaimer

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