

Datasheet for D612-1000**Sheep Gamma Globulin Fraction****Overview**

Description:	Sheep Gamma Globulin Fraction - D612-1000
Item No.:	D612-1000
Size:	1 g
Applications:	SDS-PAGE
Origin:	Sheep

Product Details

Background:	Sheep Gamma Globulin Fraction consists of the fraction of blood serum which contains whole antibodies as well as other non-albumin plasma proteins. Gamma globulins can be utilized therapeutically to temporarily boost an patient's immunity (such as after an immunosuppressive infection) or to increase the likelihood of kidney transplant acceptance. Gamma Globulin Fraction can be utilized in molecular biology experiments as a control reagent.
Synonyms:	Plasma Gamma Globulin, Serum Gamma Globulin, Globulin Fractions, Gammaglobulin, sheep gamma fraction
Species of Origin:	Sheep
Type:	Native Protein

Target Details

Purity/Specificity:	This product 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
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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.

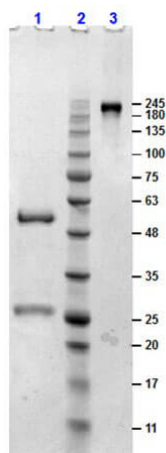
Formulation

Physical State:	Lyophilized
Concentration:	1.29 grams of dry weight equals 1.0 gram of protein
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None
Reconstitution Volume:	100 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	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. 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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