

Datasheet for D613-0050

Swine Gamma Globulin Fraction

Overview

Description:	Swine Gamma Globulin Fraction (BULK ORDER) - D613-0050
Item No.:	D613-0050
Size:	50 g
Applications:	SDS-PAGE
Origin:	Swine

Product Details

Background:	Swine 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, swine gamma fraction
Species of Origin:	Swine
Type:	Native Protein

Target Details

Immunogen:	Not applicable
Purity/Specificity:	This product was prepared from normal Swine 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 a precipitin arc against anti-Swine Serum corresponding to gamma globulins.
Relevant Links:	D613 SDS

Application Details

Tested Applications:	SDS-PAGE
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Application Note:	Swine 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

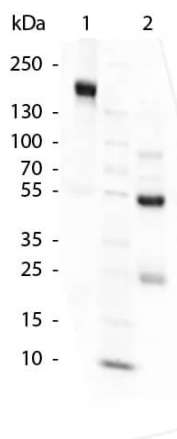
Formulation

Physical State:	Lyophilized
Concentration:	60 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None
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 of Swine Gamma Globulin Fraction. Lane 1: Swine Gamma Globulin Fraction (Non-reduced). Lane 2: Swine Gamma Globulin Fraction (Reduced). Load: 1.0 µg per lane. Predicted/Observed size: 50 kDa, 25 kDa for Swine Gamma Globulin Fraction (Reduced). Other band(s): none.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.