

**Datasheet for D605-0100**

## Guinea Pig Gamma Globulin Fraction

### Overview

<b>Description:</b>	Guinea Pig Gamma Globulin Fraction - D605-0100
<b>Item No.:</b>	D605-0100
<b>Size:</b>	100 mg
<b>Origin:</b>	Guinea Pig

### Product Details

<b>Background:</b>	Guinea Pig 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 a 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.
<b>Synonyms:</b>	Plasma Gamma Globulin, Serum Gamma Globulin, Globulin Fractions, Gammaglobulin, Guinea Pig Gamma Fraction
<b>Species of Origin:</b>	Guinea Pig
<b>Type:</b>	Native Protein

### Target Details

<b>Purity/Specificity:</b>	This product was prepared from normal Guinea Pig 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-Guinea Pig Serum corresponding to gamma globulins.
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### Application Details

<b>Application Note:</b>	Guinea Pig Gamma Globulin Fraction can be utilized in Western Blotting and ELISA experiments.
<b>Assay Dilutions:</b>	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

## Formulation

<b>Physical State:</b>	Lyophilized
<b>Buffer:</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Preservative:</b>	0.01% (w/v) Sodium Azide
<b>Reconstitution Volume:</b>	10.0 mL
<b>Reconstitution Buffer:</b>	Restore with deionized water (or equivalent)

## Shipping & Handling

<b>Shipping Condition:</b>	Ambient
<b>Storage Condition:</b>	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.
<b>Expiration:</b>	Expiration date is one (1) year from date of receipt.

## 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.

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