

**Datasheet for D606-0100****Hamster Gamma Globulin Fraction****Overview**

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|---------------------|---------------------------------------------|
| <b>Description:</b> | Hamster Gamma Globulin Fraction - D606-0100 |
| <b>Item No.:</b>    | D606-0100                                   |
| <b>Size:</b>        | 100 mg                                      |
| <b>Origin:</b>      | Golden Syrian Hamster                       |

**Product Details**

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| <b>Background:</b>        | Hamster 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. |
| <b>Synonyms:</b>          | Plasma Gamma Globulin, Serum Gamma Globulin, Globulin Fractions, Gammaglobulin, Hamster Gamma Fraction                                                                                                                                                                                                                                                                                                                                                        |
| <b>Species of Origin:</b> | Golden Syrian Hamster                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Type:</b>              | Native Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                |

**Target Details**

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| <b>Purity/Specificity:</b> | This product was prepared from normal Hamster 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-Hamster Serum corresponding to gamma globulins. |
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**Application Details**

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| <b>Application Note:</b> | Hamster 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>Concentration:</b>         | 10.0 mg/mL by UV absorbance at 280 nm                      |
| <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>Stabilizer:</b>            | None                                                       |
| <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

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