

## Product Specification Sheet

**Product:** Sheep Gamma Globulin

**Code:** D612-1000

**Lot #** 4437b

**Size:** 1.0 g

**Physical State:** Lyophilized

**Antibody Concentration:** 50.0 mg/ml (by UV absorbance at 280 nm,  $E^{0.1\%}$  of 1.4)

**Buffer:** 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

**Stabilizer:** None

**Dry Weight Equivalent:** 1.25 g dry weight equals 1.0 g of gamma globulin

**Preservative:** 0.01% (w/v) Sodium Azide

**Application(s):** Suitable for most immunological methods requiring purified immunoglobulins.

**Recommended Dilution(s):** Not specified. Optimal titers for applications should be determined by the researcher.

**Storage Conditions:** Store vial at 4° C prior to restoration. Restore product with 20 ml of deionized water (or equivalent). 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. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Expiration date is one (1) year from date of restoration.

**Purity:** This product was prepared from normal Sheep serum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in precipitin arcs against anti-Sheep Serum corresponding to gamma globulins.

**Immunogen:** Not applicable

**Note:** 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.