

## Product Specification Sheet

**Product:** Swine Gamma Globulin

**Code:** D613-0100

**Lot #** 215

**Size:** 100 mg

**Physical State:** Lyophilized

**Antibody Concentration:** 20.0 mg/ml (by UV absorbance at 280 nm,  $E^{0.1\%}$  of 1.4)

**Buffer:** 0.01 M Sodium Phosphate, 0.14 M Sodium Chloride, pH 7.4

**Stabilizer:** None

**Preservative:** None

**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 5 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 Swine 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-Swine 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.