

**Bovine Gamma Globulin**  
High Purity, Lyophilized Powder

**DESCRIPTION**

Proliant's purified Bovine Gamma Globulin is produced from bovine plasma utilizing a proprietary multistep purification process. Predominantly comprised of IgG, having a molecular mass of 150 – 200kDa, the product is prepared as a low salt, lyophilized, white powder and is primarily utilized as a passive blocker. Bovine Gamma Globulin is an effective tool to help address heterophilic antibodies that may lead to false positive and reduced immunoassay performance by depleting the concentration of these interfering antibodies.

**APPLICATIONS**

- Heterophilic antibody reduction
- Immunoassay blocking
- Immunoassay controls & calibrators

**FEATURES / BENEFITS**

- High Purity, Low Interference
- Manufactured from USDA inspected Bovine Plasma
- Manufactured According to FDA cGMPs
- Origin Traceability to Facilitate Regulatory Approval
- "Closed Loop" Manufacturing\* – Minimizes Contamination and Maximizes Reproducibility
- Superior Solubility/Filterability for Ease of Use
- Product Development and Technical Services designed for maximum responsiveness and flexibility

**SCIENTIFIC ANALYSIS**

	<b>Specifications</b>
Protein (Dry Basis)	≥96%
Purity	≥96%
pH 1%*	6.8 to 7.2
Moisture	≤5.0%
Sodium	0 to 10.0 mg/g
Chloride	0 to 24.0 mg/g

\*1% Ig dissolved in 15mM Phosphate Buffer pH7 at 25°C

**PHYSICAL CHARACTERISTICS**

Proliant Bovine Gamma Globulin is a soluble white lyophilized powder. A solution of up to 3% in de-ionized water is clear to slightly hazy and virtually particulate-free.

**PACKAGING**

Standard packaging size is 50g. Additional packaging sizes are available upon request.

**STORAGE RECOMMENDATIONS**

Store at 2° to 8° C, in a dry environment for up to 5 years from the date of manufacture.

**ORDERING INFORMATION**

Please order by product name "Bovine Gamma Globulin" and refer to SKU # 51001