



TECHNICAL DATA SHEET

Effective Date: June 1, 2021

Revision 002

TDS- SLB56

BOVINE IgG LYOPHILIZED POWDER

METHOD OF PURIFICATION:

Purified immunoglobulin (IgG) preparations are isolated from pooled normal serum or plasma by a proprietary fractionation method.

SPECIFICATIONS:

Form:	powder
Color:	White powder to off-white
Source:	Normal Bovine Serum or Plasma
Purity (Electrophoresis):	≥ 97%
Buffer:	10mM sodium phosphate, 150mM sodium chloride pH 7.2
Product pH (4% solution in DI H ₂ O):	pH 7.0 ± 0.4.
Preservative:	None
Protein:	≥30.9 mg/mL (≥97%)
Solubility:	For best results, reconstitute in distilled water or buffer of choice.

CATALOG NUMBERS:

SLB56-0001
SLB56-0010
SLB56-0100
SLB56-1000

SIZES:

1 gm
10 gm
100 gm
1000 gm

SHIPPING CONDITIONS: Ambient temperature

STORAGE:

Lyophilized powder is shown to be stable at ambient temperature for short term storage or shipping. Store lyophilized powder refrigerated at 5°C ± 3°C in sealed containers for long term storage. Store reconstituted gamma globulin solution frozen at -20°C ± 5°C. Avoid repeated freezing and thawing.

The raw material for this product was collected from animals in the USA in establishments registered with the USDA. The animals received inspections under a veterinarian's supervision and were apparently free from infectious and contagious diseases. At no time during collection or processing was the material commingled with any other material of animal origin. During processing this material was subjected to a pH of ≤ 5 for at least 3 hours. This product is sold for use in IVD, research, further manufacturing, or technical purposes only, and is not intended for direct use in diagnostic or therapeutic applications.