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## TECHNICAL DATA SHEET

Effective Date: June 1, 2021

Revision 002

TDS-SLCA56

### CANINE IgG LYOPHILIZED POWDER

#### METHOD OF PURIFICATION:

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

#### SPECIFICATIONS:

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

#### CATALOG NUMBERS:

SLCA56-0100  
SLCA56-0500  
SLCA56-1000

#### SIZES:

100 mg  
500mg  
1gm

**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 not to be used for direct or indirect exposure or inoculation into laboratory and domestic animals. 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.