

Native Llama IgG, Protein G Purified

Cat. No. IgG-013L **Lot. No.** (See product label)

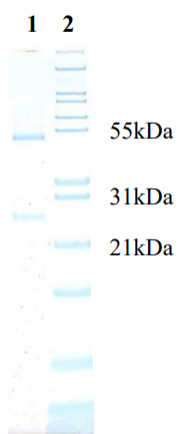
SPECIFICATION

Product Overview	Normal Llama Serum was obtained from healthy animals and under the care of a registered veterinarian.
Species	Llama
Source	Serum
Description	Immunoglobulin G(IgG) is an antibody isotype. It is a protein complex composed of four peptide chains—two identical heavy chains and two identical light chains arranged in a Y-shape typical of antibody monomers. Each IgG has two antigen binding sites. Representing approximately 75% of serum immunoglobulins in humans, IgG is the most abundant antibody isotype found in the circulation. IgG molecules are synthesized and secreted by plasma B cells.
Form	Clear, colorless liquid, 0.2 µm filtered
Purification	Protein G
Purity	> 90% based on SDS-PAGE
Applications	Western Blot; ELISA
Notes	For in vitro Laboratory Use Only. Not for diagnostic or therapeutic use. Not for human or animal consumption.

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Storage	2-8 centigrade
Storage Buffer	10 mM Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative	0.05% (w/v) Sodium Azide
Concentration	> 4.5 mg/mL (E 1% at 280 nm = 13.0)
Shelf Life	1 year from date of receipt. Prepare working dilution prior to use and then discard.
SDS-PAGE	<u>SDS-PAGE</u>  1) IgG 2) Mol Weight Standard