

Technical Data Sheet

InVivoMAb polyclonal llama IgG



Attention: Use of this product constitutes an agreement to Bio X Cell's Terms and Conditions which are included with this product in print and can also be found at <https://bioxcell.com/terms-and-conditions>.

Lot Specific Information

Lot Number: Lot Specific*
Volume: Lot Specific*
Concentration: Lot Specific* (generally 4 to 11 mg/ml) *
Total Protein: Lot Specific*

*This information will be noted on the certificate of analysis that ships with this product.

Product Information

Catalog Number: BE0369
Clone: Polyclonal
Isotype: Llama IgG
Formulation: PBS, pH 7.0
Contains no stabilizers or preservatives
Endotoxin: ≤1EU/mg (≤0.001EU/μg)
Determined by LAL gel clotting assay
Purity: ≥95%
Determined by SDS-PAGE
Sterility: 0.2 μm filtration
Purification: Protein G
RRID: [AB_2927506](https://europepmc.org/abstract/DOI/doi:10.26434/chemrxiv-2020-08-29)
Molecular Weight: 90-100 kDa (heavy chain-only antibodies) 150 kDa (complete IgG)

Murine Pathogen Test Results

Mouse Norovirus: Negative, Mouse Parvovirus: Negative, Mouse Minute Virus: Negative, Mouse Hepatitis Virus: Negative, Reovirus Screen: Negative, Lymphocytic Choriomeningitis virus: Negative, Lactate Dehydrogenase-Elevating Virus: Negative, Mouse Rotavirus: Negative, Theiler's Murine Encephalomyelitis: Negative, Ectromelia/Mousepox Virus: Negative, Hantavirus: Negative, Polyoma Virus: Negative, Mouse Adenovirus: Negative, Sendai Virus: Negative, Mycoplasma Pulmonis: Negative, Pneumonia Virus of Mice: Negative, Mouse Cytomegalovirus: Negative, K Virus: Negative

Description

The polyclonal llama IgG is purified from normal llama serum. Camelids express antibodies lacking a light chain called heavy chain-only antibodies (HCAbs). Llama IgG2 and IgG3 are HCAbs while IgG1 is conventional IgG with light and heavy chains. HCAbs constitute approximately 50% of the IgG in llama serum and as much as 75% of the IgG in camel serum. Llama IgG purified by Protein G will be predominantly IgG1 and IgG3.

Storage

Store at the stock concentration at 4°C . **Do not freeze.**

It is not uncommon for a floccule or precipitate to appear during storage. The floccule is typically buffer salts precipitating out of solution or a small bit of protein aggregation. For information on how to remove floccules or precipitates see our FAQ's at <https://bioxcell.com/faqs>.

Protocol Information

Since applications vary, each investigator should use the application references as a guide to help estimate the appropriate dose or concentration. The dose or concentration can be further optimized experimentally in a dose response or titration experiment.

Application References

For a complete list of references, visit https://bioxcell.com/be0369?bxcs=9k1b3a#tab_references or scan the QR code below.



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