

Datasheet: 5248-3004

Description:	NATIVE HUMAN IgG3
Name:	IgG3
Format:	Purified
Product Type:	Purified Protein
Isotype:	IgG3
Quantity:	0.5 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunodiffusion	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species	Human
Product Form	Purified immunoglobulin from human myeloma serum or urine - liquid
Preparation	Ion exchange chromatography, gel filtration and protein A chromatography, 0.2 µm filtered.
Buffer Solution	TRIS buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 0.1% EACA 0.01% Benzamidine
Approx. Protein Concentrations	Total protein concentration 1.0 mg/ml
External Database Links	UniProt: P01860 Related reagents Entrez Gene:

RRID AB_615617

Product Information **Native Human IgG3** is a purified preparation of human IgG3 obtained from myeloma serum and urine. A single arc is observed using immunoelectrophoresis against anti whole serum and anti human IgG3 antibodies. No reactivity is observed using anti IgG1, IgG2 or IgG4 by RID.

Purity In IEP one arc was observed against anti-whole serum and anti-human IgG3. No reactivity was observed with anti IgG1, IgG2 or IgG4 by RID.

References 1. Haberland, A. *et al.* (2016) Aptamer BC 007 – a broad spectrum neutralizer of pathogenic autoantibodies against G-protein-coupled receptors [European Journal of Pharmacology, Jul 1 \[Epub ahead of print\]](#)

Storage This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10062 available at: 10062: <https://www.bio-rad-antibodies.com/uploads/MSDS/10062.pdf>

Donor material tested and found negative for HBsAg and antibodies to HIV and hepatitis C.

As no test can completely guarantee this material to be free of pathogens it should be handled as potentially infectious.

Regulatory For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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