

Datasheet: 5172-9017

Description:	NATIVE HUMAN IgG
Name:	IgG
Format:	Purified
Product Type:	Antigen
Quantity:	25 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
ELISA	▪			

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 appropriate negative/positive controls.

Target Species	Human
Product Form	Purified immunoglobulin from human serum - lyophilised
Reconstitution	Reconstitute with 5.0 ml PBS and mix well. Heating to 37°C may aid reconstitution. Following reconstitution, storage at +4°C and the addition of 0.09% sodium azide is recommended.
Preparation	Purified IgG isolated from a single donor containing Bence Jones protein.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	None present.

External Database

Links

UniProt:

P01860	Related reagents
P01857	Related reagents
P01859	Related reagents
P01861	Related reagents
P01834	Related reagents
P0CG04	Related reagents

Entrez Gene:

3502	IGHG3	Related reagents
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3500	IGHG1	Related reagents
3501	IGHG2	Related reagents
3503	IGHG4	Related reagents
3514	IGKC	Related reagents
28815	IGLV2-14	Related reagents

Product Information **Native human IgG** is a preparation of human of human IgG derived from a single patient with myeloma. This preparation of purified IgG yields a single band on gel electrophoresis.

Purity >95%

References 1. Bustanji, Y. *et al.* (2016) Erythropoietin Biosimilar Products and Immunogenicity: A Pharmacovigilance Study. [Int J Pharmacol Res 6: 200-5.](#)

Storage Prior to reconstitution store at +4°C or -20°C. Avoid repeated freezing and thawing as this may denature the protein.
After reconstitution storage at +4°C is recommended. This product should be stored undiluted.

Shelf Life 12 months from date of reconstitution

Health And Safety Information Material Safety Datasheet documentation available at:
Material Safety Datasheet documentation #10209 available at <https://www.bio-rad-antibodies.com/uploads/MSDS/10209.pdf>

Donor material tested and found negative for HIV1 antigen, HIV antibodies and HBsAg.

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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'M234376:130415'

Printed on 28 Jan 2018

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