Datasheet: 5172-9017

BATCH NUMBER 153382

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

RRID	AB_906193
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.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10209 available at: https://www.bio-rad-antibodies.com/SDS/5172-9017 10209 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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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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