

Datasheet: 5172-9017

BATCH NUMBER 168005

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 - lyophilized

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.](#)
2. Jing, C. *et al.* (2020) Macrophage metabolic reprogramming presents a therapeutic target in lupus nephritis. [Proc Natl Acad Sci U S A. 117 \(26\): 15160-71.](#)

Storage This product is shipped at ambient temperature. Prior to reconstitution store at +4°C. After reconstitution it is recommended to 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 protein. Storage in frost-free freezers is not recommended.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10302 available at: <https://www.bio-rad-antibodies.com/SDS/5172-9017>
10302

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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