

Datasheet: 5172-9017

**BATCH NUMBER 156046**

<b>Description:</b>	NATIVE HUMAN IgG
<b>Name:</b>	IgG
<b>Format:</b>	Purified
<b>Product Type:</b>	Antigen
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified immunoglobulin from human serum - lyophilised
<b>Reconstitution</b>	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.
<b>Preparation</b>	Purified IgG isolated from a single donor containing Bence Jones protein.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	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

---

**North & South**    Tel: +1 800 265 7376

**America**              Fax: +1 919 878 3751

                              Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

                              Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

                              Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

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

'M363223:200528'

