

Datasheet: 5172-2504

BATCH NUMBER 173171

Description:	GOAT ANTI HUMAN IgG (H/L):HRP
Specificity:	IgG (H/L)
Format:	HRP
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	2 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
Immunohistology - Frozen	▪			1/1,000 - 1/5,000
Immunohistology - Paraffin			▪	
ELISA	▪			1/25,000 - 1/100,000
Western Blotting	▪			1/2,000 - 1/10,000

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 IgG conjugated to Horseradish Peroxidase (HRP) - lyophilized

Reconstitution

Reconstitute with 1ml deionised water. For extended storage aliquot and freeze.

Antiserum Preparation

Goat anti Human IgG antibody was prepared from monospecific antiserum by immunoaffinity chromatography with human IgG coupled to agarose beads followed by solid phase adsorption to remove unwanted cross reactivity.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.01% Gentamicin sulphate
1% Bovine Serum Albumin

Approx. Protein Concentrations	Ig concentration 2.0 mg/ml
Immunogen	Human IgG, whole molecule.
External Database Links	<p>UniProt:</p> <p>P01859 Related reagents</p> <p>P01860 Related reagents</p> <p>P01861 Related reagents</p> <p>P01834 Related reagents</p> <p>P01857 Related reagents</p> <p>P0CG04 Related reagents</p> <p>Entrez Gene:</p> <p>3501 IGHG2 Related reagents</p> <p>3502 IGHG3 Related reagents</p> <p>3500 IGHG1 Related reagents</p> <p>3503 IGHG4 Related reagents</p> <p>3514 IGKC Related reagents</p> <p>28815 IGLV2-14 Related reagents</p>
RRID	AB_619882
Specificity	Goat anti Human IgG antibody is specific for Human IgG. Assay by IEP resulted in a single precipitin arc against anti-peroxidase, anti-goat serum, human IgG and human serum.
References	1. Golchin, M. <i>et al.</i> (2023) Serodiagnosis of human brucellosis by an indirect ELISA test using recombinant outer membrane protein 19 kDa (rOMP19) as an antigen. BMC Biotechnol. 23 (1): 46.
Storage	This product is shipped at ambient temperature. Prior to reconstitution store at +4°C. After reconstitution store at -20°C. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10482 available at: https://www.bio-rad-antibodies.com/SDS/5172-2504
Regulatory	For research purposes only

Related Products

Recommended Useful Reagents

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

Product inquiries: www.bio-rad-antibodies.com/technical-support

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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