Datasheet: 740601L

BATCH NUMBER 169699

Description:	RECOMBINANT PROTEIN G
Name:	PROTEIN G
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	5 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	▪			
Immunoprecipitation	▪			

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	Bacterial
Product Form	Recombinant Protein - lyophilized
Reconstitution	Reconstitute with 1ml phosphate buffered saline
Preparation	Recombinant Protein G, from *Streptococcus* strain G148, expressed in *E.coli*
Source	E.coli
Preservative Stabilisers	None present
Product Information	**Recombinant Protein G** is a preparation of streptococcal protein G expressed in *E. coli*. Protein G binds to the Fc portion of immunoglobulin G subclasses (IgGs) from a broad range of species including human and mouse, and does not bind IgA, IgE, IgM or serum albumin.
References	1. McDonald, J.U. *et al.* (2016) Development of a custom pentaplex sandwich

immunoassay using Protein-G coupled beads for the Luminex® xMAP® platform. J Immunol Methods. 433: 6-16.

Further Reading	1. Qi et al (2001) Chromatography on DEAE ion-exchange and Protein G affinity columns in tandem for the separation and purification of proteins. Biochem Biophys Methods. 49. 263-273. 2. Saegerman et al (2004) Evalution of three serum i-ELISAs using monoclonal antibodies and protein G as peroxidase conjugate for the diagnosis of bovine brucellosis. Vet Microbiol. 20. 91-105.
Storage	Store at -20°C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted.
Guarantee	Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.
Health And Safety Information	Material Safety Datasheet documentation #10268 available at: https://www.bio-rad-antibodies.com/SDS/740601L 10268
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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Printed on 18 Nov 2024