

Datasheet: 740601L

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 - lyophilised
Reconstitution	Reconstitute with 1ml phosphate buffered saline
Preparation	Recombinant Protein G, from <i>Streptococcus</i> strain G148, expressed in <i>E.coli</i>
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. Saegerman et al (2004) Evaluation 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.](#)
2. 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.](#)
3. 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. pii: S0022-1759\(16\)30033-3. \[Epub ahead of print\]](#)

Storage

Store at -20°C only.
Storage in frost-free freezers is not recommended.

This product should be stored undiluted.

Shelf Life 12 months from date of despatch.

Health And Safety Information Material Safety Datasheet Documentation #10268 available at:
<https://www.bio-rad-antibodies.com/uploads/MSDS/10268.pdf>

Regulatory For research purposes only

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