

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 - lyophilized
Reconstitution	Reconstitute with 1ml phosphate buffered saline
Preparation	Recombinant Protein G, from <i>Streptococcus</i> strain G148, expressed in <i>E.coli</i>
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](#)

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| 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) 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. |
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Storage	Store at -20°C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted.
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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.
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Health And Safety Information	Material Safety Datasheet documentation #10268 available at: https://www.bio-rad-antibodies.com/SDS/740601L10268
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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](https://www.bio-rad-antibodies.com/datasheets)
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