



Protein L [HRP] (DAG4610)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Purity	> 95% as determined by HPLC
Conjugate	HRP
Applications	WB, ELISA, DB
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	1 mg
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Protein L was first isolated from the surface of bacterial species <i>Peptostreptococcus magnus</i> and was found to bind immunoglobulins through L chain interaction, from which the name was suggested. It consists of 719 amino acid residues. The molecular weight of Protein L purified from the cell walls of <i>Peptostreptococcus magnus</i> was first estimated as 95kD by SDS-PAGE in the presence of reducing agent 2-mercaptoethanol, while the molecular weight was determined to 76kD by gel chromatography in the presence of 6 M guanidine HCl. Protein L does not contain any interchain disulfide loops, nor does it consist of disulfide-linked subunits. It is an acidic molecule with a pI of 4.0.
Keywords	Protein L; Horseradish peroxidase