



Protein G [Gold] (DAG-T1430)

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

PRODUCT INFORMATION

Product Overview	Protein G was conjugated to a 40 nm colloidal gold particle at 20 micrograms per mL
Species	N/A
Conjugate	Gold
Size	1 ml, 10 ml, 100 ml
Buffer	Bovine Serum Albumin/Phosphate pH 7.4
Preservative	0.1% Sodium Azide
Storage	4°C

BACKGROUND

Introduction	Protein G is an immunoglobulin-binding protein expressed in group C and G Streptococcal bacteria much like Protein A but with differing specificities. It is a 65-kDa (G148 protein G) and a 58 kDa (C40 protein G) cell surface protein that has found application in purifying antibodies through its binding to the Fab and Fc region. The native molecule also binds albumin, however, because serum albumin is a major contaminant of antibody sources, the albumin binding site has been removed from recombinant forms of Protein G.
Keywords	Protein G