

Product Datasheet

5 nm Colloidal Protein G (Gold) orb623912

Description	Protein G is an immunoglobulin-binding protein expressed in group C and G Streptococcal bacteria much like Protein A but with differing binding 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, but because serum albumin is a major contaminant of antibody sources, the albumin binding site has been removed from recombinant forms of Protein G. Protein G is conjugated to 5 nm colloidal gold. This gold conjugated protein G generates electron dense particles that are visible using electron microscopy.
Conjugation	Gold
Hazard Information	Non-Toxic
Target	5 nm Colloidal Protein G (Gold)
Form/Appearance	Concentrated, Liquid
Storage	Store at 4°C for one year
Note	For research use only.
Expiration Date	12 months from date of receipt.