

rProtein G Kit

Cat. No. Protein G-30K **Lot. No.** (See product label)

SPECIFICATION

Product Overview rProtein G Beads are affinity chromatography media for the separation and purification of IgG. Protein G is a cell wall protein isolated from G Streptococci that binds to mammalian IgG via its Fc fragment. Recombinant protein G contains a high affinity binding site, which reduces non-specific adsorption. Protein G and Protein A have different IgG binding properties. Compared with Protein A, Protein G has a stronger binding force for polyclonal antibodies such as cattle, sheep, and horses. It also binds rat IgG, human IgG3, and mouse IgG1 that do not bind well to Protein A.

Matrix 4% agarose microspheres

Ligand Recombinant protein G

Carrying capacity > 30 mg Goat IgG/ml medium

Particle size range 45-165 μ m

Maximum pressure 0.1 Mpa, 1 bar

pH 3-10

Storage buffer 1xPBS containing 20% ethanol

Storage Temperature 2-8°C

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