

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	1×PBS containing 20% ethanol
Storage Temperature	2-8°C

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