



Protein G - agarose sorbent

Description

Recombinant Protein G immobilized on 4% agarose (slurry)

Catalog Number 219

Amount 1 ml

Format

Slurry containing 0.2 M NaCl, 0.1 M sodium borate, 0.01 M sodium azide, pH 8.0

Ligand

Recombinant Protein G

Matrix

4% cross-linked agarose

Specificity

Binds most subclasses of human, murine and rabbit IgG. Albumin-binding domain deleted

Binding Capacity

Human IgG 20 mg per 1 ml gel

Applications

Affinity chromatography of mammalian immunoglobulins (whole molecules, Fc-fragments or immune complexes). Selective extraction of immunoglobulin IgG from human serum. Estimation of the IgG (antibody) content in immune sera and astitic fluids

Recommended buffers

Binding buffer: 0.15 M sodium chloride, 0.01 M sodium phosphate, pH 7.0

Elution buffer: 0.1 M sodium chloride, 0.1 M sodium acetate, pH 2.5

Storage

Shipping at ambient temperature. Storage at +4°C for 12 months. Do not freeze

RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, DRUG OR HOUSEHOLD USE