

TargetLock Protein G Beads

Cat. No. Protein G-34A **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Protein-G used in our Protein G beads is a genetically engineered form of Protein-G. Non-essential regions have been removed while leaving the IgG binding sites intact. The recombinant Protein G has been immobilized on Sepharose beads, using our Biotech's TargetLock chemistry, in order to create a versatile product for both the purification of various mammalian immunoglobulins and for isolating immune complexes by immunoprecipitation (IP).

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Matrix Highly cross-linked spherical agarose, 4%

Average particle size 40-165 μm

Dynamic binding capacity ~4-8 mg rabbit IgG per ml of beads

Recommended flow rate 1-3 ml/min/ cm^2

pH working range 2-11

Elution buffer 0.1M glycine buffer Adjust pH to 2.8 by 1N HCl

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