

Alpha-1 Antitrypsin Purification Resin

Cat. No. Antitrypsin-001A **Lot. No.** (See product label)

SPECIFICATION

Product Overview Alpha-1 Antitrypsin Select Resin is a packed-bed affinity chromatography medium with high selectivity for AAT. It can be used for purifying human AAT from plasma (including Cohn fractions), as well as from recombinant or transgenic sources. In a first capture step, Alpha-1 Antitrypsin Select gives high purity and yield. The medium can also be used in intermediate purification/polishing to enhance product purity.

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Matrix Highly cross-linked spherical agarose

Average particle size 75 µm

Ligand Alpha-1 antitrypsin binding ligand

Ligand concentration Approx. 5.5 mg/ml medium

Dynamic binding capacity Approx. 10 mg alpha-1 antitrypsin/ml medium

Viscosity Store unused media at 4°C to 8°C in 20% ethanol. Alpha-1 Antitrypsin Select is supplied in 20% ethanol.

Chemical stability Stable in commonly used aqueous buffers.

pH working range 3-10

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pH CIP range	2-11
Elution buffer	20 mM Tris, 2 M MgCl ₂ , pH 7.4