

IMAC Agarose High Performance

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

SPECIFICATION

Product Overview	IMAC agarose High Performance media is easily charged by the user with the metalion of choice for Immobilized Metal ion Affinity Chromatography (IMAC) and subsequent purification of polyhistidine tagged proteins.
Cat.no	IMAC HP-001A
Characteristics	1. For optimizing purification of histidine-tagged proteins when Ni ²⁺ is not the best choice of metal ion 2. Conveniently charge with your metal of choice 3. 34 µm bead size for high performance purification 4. High binding capacity
Size	25 mL
Matrix	Highly cross-linked agarose, 6%
Ion exchange capacity	Approx. 15 µmol Ni ²⁺ /ml medium
Average particle size	34µm
Dynamic binding capacity	At least 40 mg histidine-tagged protein/ml medium when charged with Ni ²⁺
Recommended flow rate	<300>
Recommended	5-20cm

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column height	
Chemical stability	Stable in all commonly used buffers, At 40°Cc0.01 M HCl, 0.1 M NaOH [For One Week] 1M NaOH, 70% acetic acid [For 12 h]30% 2-propanol [30 min] 2% SDS [1 h]
pH working range	3-12
pH CIP range	2-14
Temperature Stability	4-30°C
Warning	Avoid using Chelating agents, e.g. EDTA, EGTA, citrate

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