



His affinity purification product overview

As we have recently expanded our His affinity product portfolio, we prepared this table to provide an overview on our product offering. Please do not hesitate to contact us for more information or a free sample.

His Affinity Agarose	PureCube 100 INDIGO Ni-Agarose	PureCube 100 Ni-NTA Agarose	PureCube Ni-NTA Agarose	PureCube Ni-NTA Agarose XL
Base material	PureCube 100 Agarose	PureCube 100 Agarose	PureCube Agarose	PureCube Agarose XL
Bead diameter	50-150 µm	50-150 µm	20-50 µm	300-500 µm
Ligand	Proprietary	NTA	NTA	NTA
Binding capacity	up to 100 mg/ml	up to 80 mg/ml	up to 80 mg/ml	> 20 mg/ml
Purity	High	High	High	High
EDTA tolerance	20 mM	1 mM	1 mM	1 mM
DTT tolerance	20 mM	10 mM	10 mM	10 mM
ph tolerance	2-13	2-13	2-13	2-13
Cleaning in place	NaOH, GuHCl, Urea, Ethanol	NaOH, GuHCl, Urea, Ethanol	NaOH, GuHCl, Urea, Ethanol	NaOH, GuHCl, Urea, Ethanol
Metal stripping	No	Yes	Yes	Yes
Flow rate (batch/FPLC)	Fast	Fast	Medium	n.a.
Metal ions	Ni ²⁺	Ni ²⁺ , Co ²⁺	Ni ²⁺ , Co ²⁺ , Cu ²⁺ , Fe ²⁺ , Al ³⁺ , Zn ²⁺	Ni ²⁺
Special features	High flow rates NaOH stable EDTA-stable Compatible with eukaryotic samples	High flow rates High yield High purity	Our economic standard material, offered with various metal ions	For special applications

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