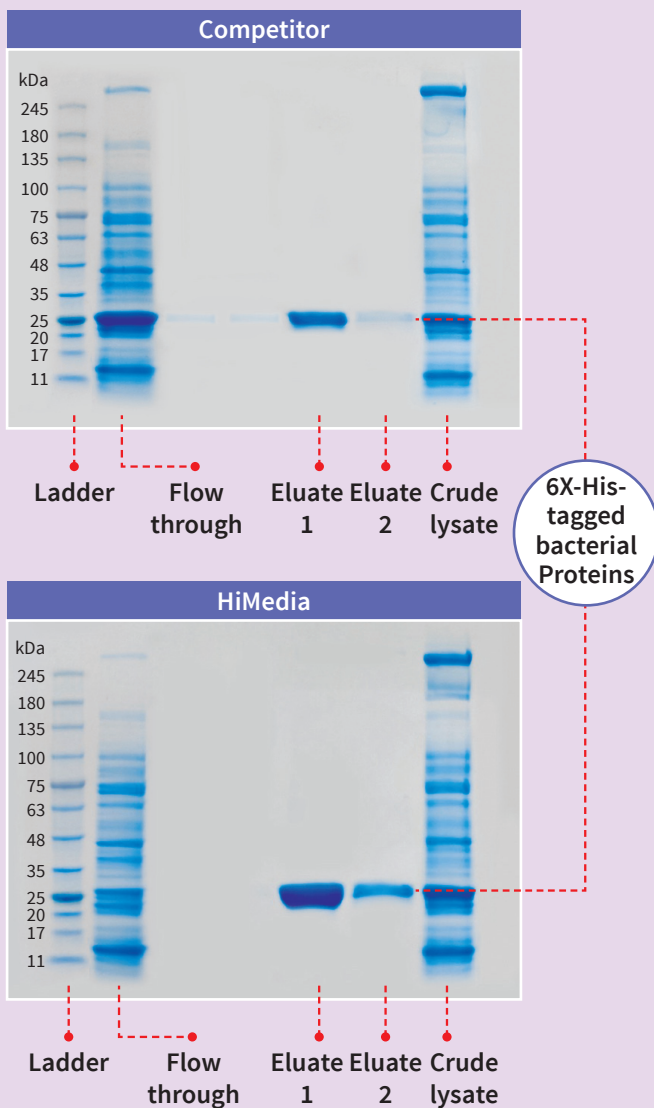


HiPurA® Ni-NTA Protein Binding Magnetic Beads - ML244

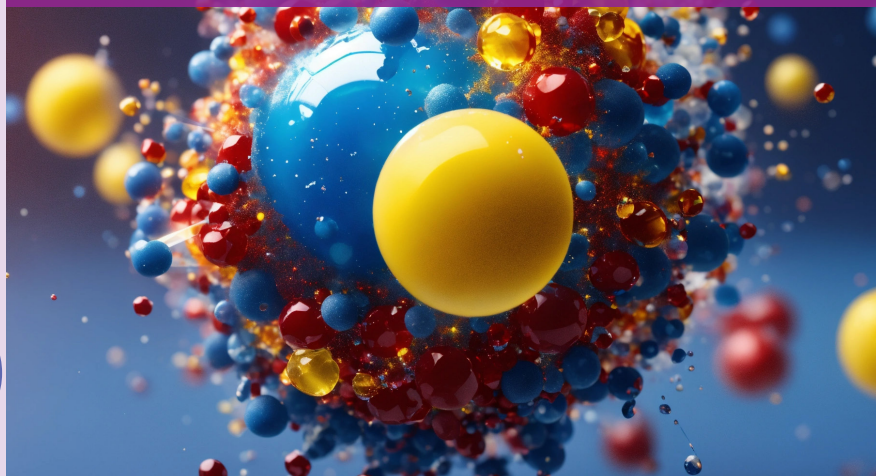
for efficient and rapid purification of 6X-His-tagged bacterial proteins



The above images correspond to protein purification performed using HiMedia's Insta NX® Mag24 Platform

Sample	Concentration in mg/ml	
	Competitor T	HiMedia
Beads Volume	40 µl	40 µl
Crude	2.87	
Flow Through	1.17	0.54
Eluate 1	0.43	1.76
Eluate 2	0.066	0.57

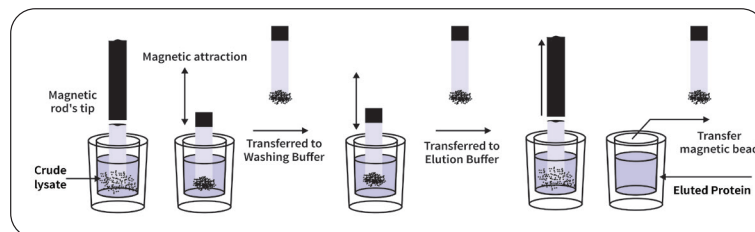
Magnetic beads for protein purification offer a flexible approach, catering to both manual separation protocols and automated systems, ensuring optimal performance in various laboratory settings.



Properties:

- **Composition** : Nitrilo-triacetic acid (NTA) groups with charged nickel covalently bind to surface dextran of magnetic beads.
- **Density** : 1.0 g/cm³ at 20°C
- **Bead concentration** : About 50 mg/mL in 20% ethanol
- **Mean diameter range** : 1.1~1.4 µm
- **Binding capacity range** : 5.0~5.2 mg His-tagged bacterial protein per mL

Principle:



Application:

HiPurA® Ni-NTA Protein Binding Magnetic Beads can be used for effective magnetic based purification of His-Tagged bacterial protein from the crude lysate.

