

Recombinant Protein Purification

Automated Purification of **HIS-Tagged Proteins** using Ni-NTA
Magnetic Beads on **Insta NX[®] Mag16^{Plus}**

Insta NX[®] Mag16^{Plus}



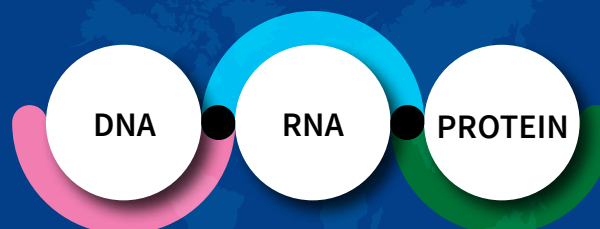
Magnetic
bead-based 



Single Sample/
Cartridge

Automated All-in-One Extractor

Insta NX[®] Mag Series



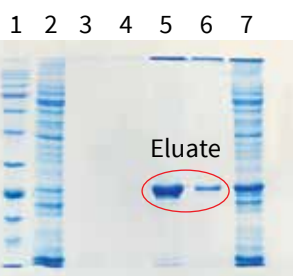
Kit :

MBPP002M - HiPurA[®] Mag16 HIS-tagged
Protein Purification Kit (Magnetic Bead Based)

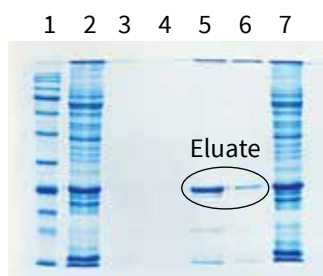
**HiMedia's Ni-NTA Magnetic Beads V/S Competitor T's Ni-NTA Magnetic Beads
on Insta NX[®] Mag16^{Plus}**

Crude Lysate containing HIS-tagged protein with
a molecular weight of approx. 27kDa purified
using Ni-NTA beads

HiMedia's HiPurA[®] Ni-NTA
magnetic beads



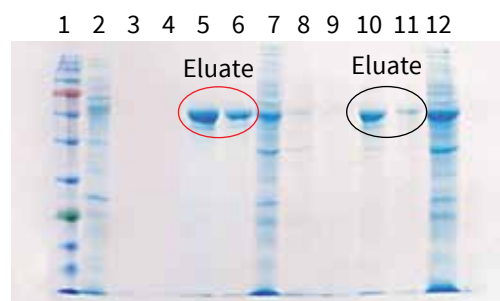
Competitor T's Ni-NTA
magnetic beads



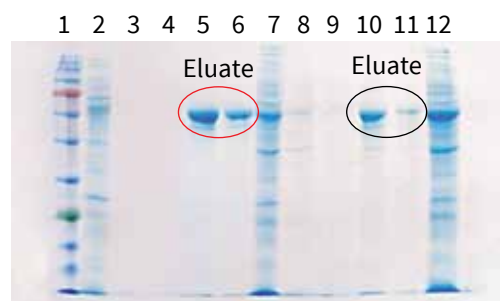
Well no.	Sample	Volume
1	Ladder	5 µl
2	Flow through	10 µl
3	Wash 1	10 µl
4	Wash 2	10 µl
5	Eluate 1	10 µl
6	Eluate 2	10 µl
7	Crude	10 µl

Crude Lysate containing HIS-tagged protein with a
molecular weight of approx. 70kDa purified using
Ni-NTA beads

HiMedia's HiPurA[®] Ni-NTA
magnetic beads



Competitor T's Ni-NTA
magnetic beads



Well no.	Sample	Volume
1	Ladder	5 µl
2 & 7	Flow through	10 µl
3 & 8	Wash 1	10 µl
4 & 9	Wash 2	10 µl
5 & 10	Eluate 1	10 µl
6 & 11	Eluate 2	10 µl
12	Crude	10 µl

The image corresponds to protein purification performed using HiMedia's Insta NX[®] Mag16^{Plus} Platform with HiMedia's HiPurA[®] beads performing better than the competitor's beads.

Automated Protein Purification of **HIS-Tagged Protein** Using Ni-NTA Magnetic Beads On **Insta NX[®] Mag24**

Insta NX[®] Mag24

Kit :

MBPP001M - HiPurA[®] Mag24 HIS-tagged Protein Purification Kit (Magnetic Bead Based)

ML244

HiPurA[®] Ni-NTA Protein Binding Magnetic Beads

Specifications:

- Used for purification of HIS-tagged Proteins.
- Binding capacity: ~ 5.0 to 5.2 mg HIS-tagged protein per ml.



**Magnetic
bead-based**



Single Sample/Cartridge
(Higher Sample Volume)

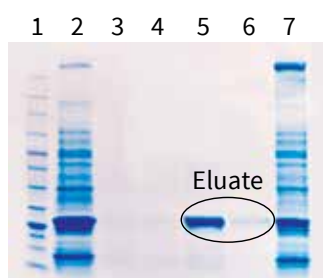
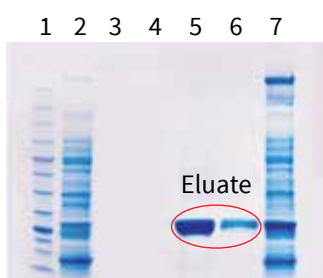


HiMedia's Ni-NTA Magnetic Beads V/S Competitor T's Ni-NTA Magnetic Beads on Insta NX[®] Mag24

Crude Lysate containing HIS-tagged protein with a molecular weight of approx. 27kDA purified using Ni-NTA beads

HiMedia's HiPurA[®] Ni-NTA magnetic beads

Competitor T's Ni-NTA magnetic beads

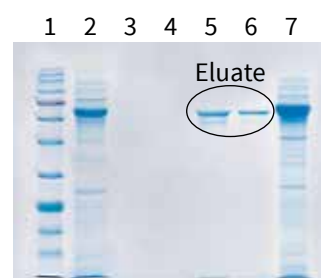
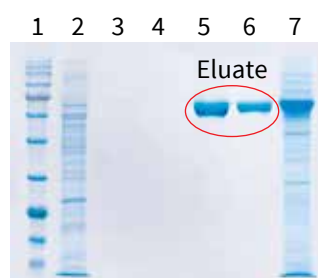


Well no.	Sample	Volume
1	Ladder	5 µl
2	Flow through	10 µl
3	Wash 1	10 µl
4	Wash 2	10 µl
5	Eluate 1	10 µl
6	Eluate 2	10 µl
7	Crude	10 µl

Crude Lysate containing HIS-tagged protein with a molecular weight of approx. 70kDA purified using Ni-NTA beads

HiMedia's HiPurA[®] Ni-NTA magnetic beads

Competitor T's Ni-NTA magnetic beads



Well no.	Sample	Volume
1	Ladder	5 µl
2	Flow through	10 µl
3	Wash 1	10 µl
4	Wash 2	10 µl
5	Eluate 1	10 µl
6	Eluate 2	10 µl
7	Crude	10 µl

The above images corresponds to protein purification performed using HiMedia's Insta NX[®] Mag24 Platform with HiMedia's HiPurA[®] beads performing better than the competitor's beads.



For Life is Precious

HiMediaLaboratories™

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