AGAROSE BEAD TECHNOLOGIES

COMPARATIVE STUDIES

Chelating Agarose Beads

RESINS

AGAROSE BEAD TECHNOLOGIES

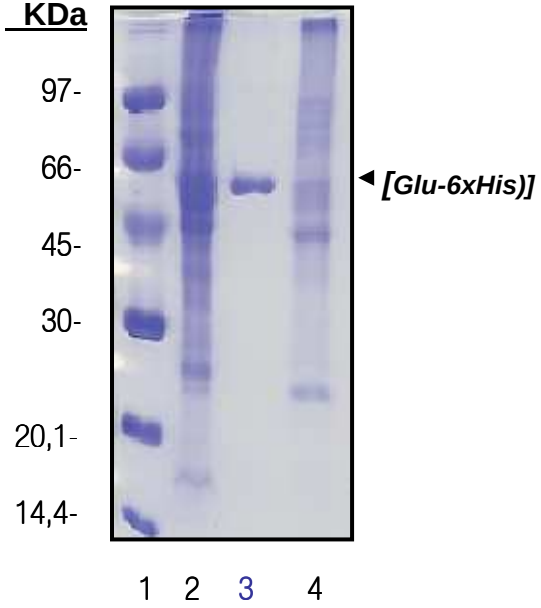
Experiment:

Unpurified extract containing Glutaryl acylase (6xHis) was tested under the same conditions with different NICKEL charged chelating beads. The SDS-PAGE shows the eluted fraction in all the resins.

Comparison:

1.- Low Molecular Weight markers (LMW)
2.- Glutaryl acylase (6x His) extract.
3.- *ABT* Cat. Nº: 6BCL-QLNi
4.- *Competitor A*

	COMPANY	AVAILABLE	PURIFICATION OF *[Glu-6xHis)]*
3	ABT	"READY to use" version	ONE SINGLE STEP PURIFICATION. HIGH YIELD OF PURIFIED PROTEIN
4	A	User has to bind Nickel before the purification procedure	Fused Protein very impure. Very Low Yield of Purified Protein



RESINS

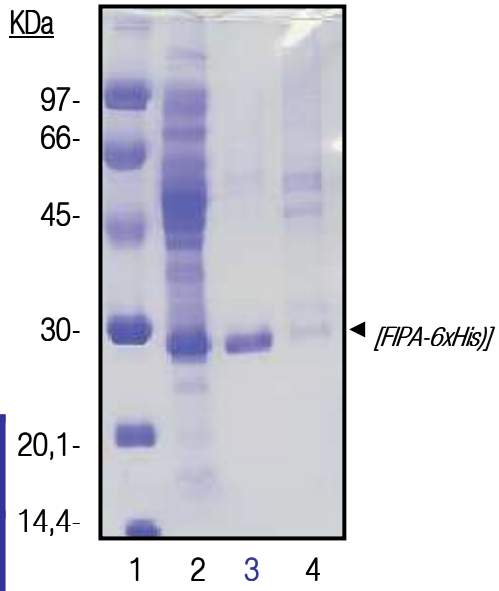
AGAROSE BEAD TECHNOLOGIES

Experiment:

Unpurified extract containing Fuculose 1-aldolase (6xHis) was tested under the same conditions with different NICKEL charged chelating beads. The SDS-PAGE shows the eluted fraction in all the resins.

Comparison:

1.- Low Molecular Weight markers (LMW)
2.- F1PA (6x His) extract
3.- ABT Cat. Nº: 6BCL-QHNi
4.- *Competitor S*



	COMPANY	AVAILABLE	PURIFICATION OF *[FIPA-6xHis)]*
3	ABT	"READY to use" version	ONE SINGLE STEP PURIFICATION. VERY HIGH YIELD OF PURIFIED PROTEIN
4	S	User has to bind Nickel to the resin	Fused Protein very impure. Very Low Yield of Purified Protein

RESINS

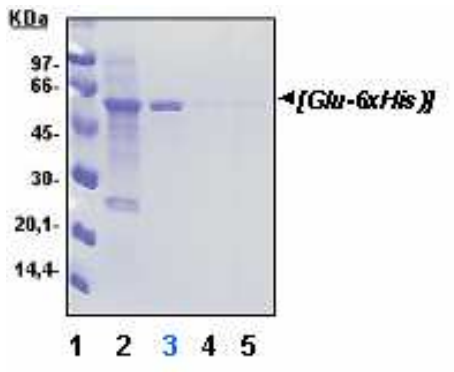
AGAROSE BEAD TECHNOLOGIES

Experiment:

Unpurified extract containing Glutaryl acylase (6xHis) was tested under the same conditions to different COBALT charged chelating beads. The SDS-PAGE shows the eluted fraction in all the resins.

Comparison:

1.- Low Molecular Weight markers (LMW)
2- Glutaryl acilase (6x His) extract
3.- ABT Cat. Nº: 6BCL-QHCo
4.- Competitor S (Product 1)
5- Competitor S (Product 2)



	COMPANY	AVAILABLE	PURIFICATION OF *[Glu-6xHis)]*
3	ABT	"READY to use" version	HIGH YIELD & VERY GOOD SELECTIVITY OF PURIFIED PROTEIN
4	S	"READY to use" version	Very Low Yield of Purified Protein
5	S	User has to bind Cobalt to the resin	Very Low Yield of Purified Protein

RESINS

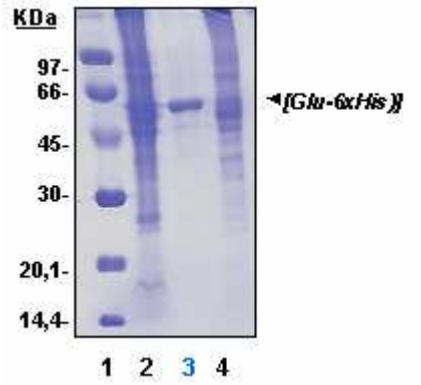
AGAROSE BEAD TECHNOLOGIES

Experiment:

Unpurified extract containing Glutaryl acylase (6xHis) was tested under the same conditions with different COPPER charged chelating beads. The SDS-PAGE shows the eluted fraction in all the resins.

Comparison:

1.- Low Molecular Weight markers (LMW)
2- Glutaryl acylase (6x His) extract
3.- ABT Cat. Nº: 6BCL-QLCu
4.- Competitor A



	COMPANY	AVAILABLE	PURIFICATION OF *[Glu-6xHis]*
3	ABT	"READY to use" version	VERY HIGH YIELD & VERY GOOD SELECTIVITY OF PURIFIED PROTEIN
4	A	"READY to use" version	Very Low Yield of and a significant amount of background proteins are also retained

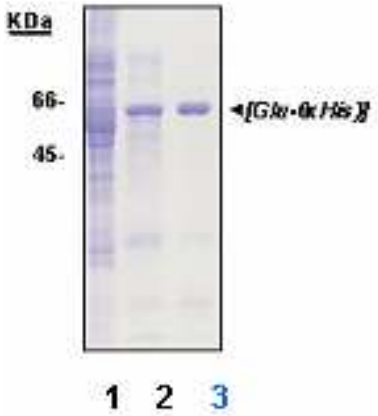
In spite of the generally low selectivity of Copper, ABT's COPPER charged resin allows a HIGH DEGREE OF PURIFICATION OF THE TARGET-PROTEIN.

RESINS

AGAROSE BEAD TECHNOLOGIES

Experiment:

Unpurified extract containing Glutaryl acylase (6xHis) was tested under the same conditions with different COPPER charged chelating beads. The SDS-PAGE shows the eluted fraction in all the resins.



Comparison:

1.- *Competitor A*
2- *Competitor S*
3.- ABT Cat. Nº: 6BCL-QLCu

	COMPANY	AVAILABLE	PURIFICATION OF *[Glu-6xHis]*
1	A	User has to bind Copper to the resin	Very Low Yield and a significant amount of background proteins are also retained
2	S	User has to bind Copper to the resin	Fused Protein impure
3	ABT	"READY to use" version	ONE SINGLE STEP PURIFICATION