

BTS Provides the Best tools for Protein Purification!

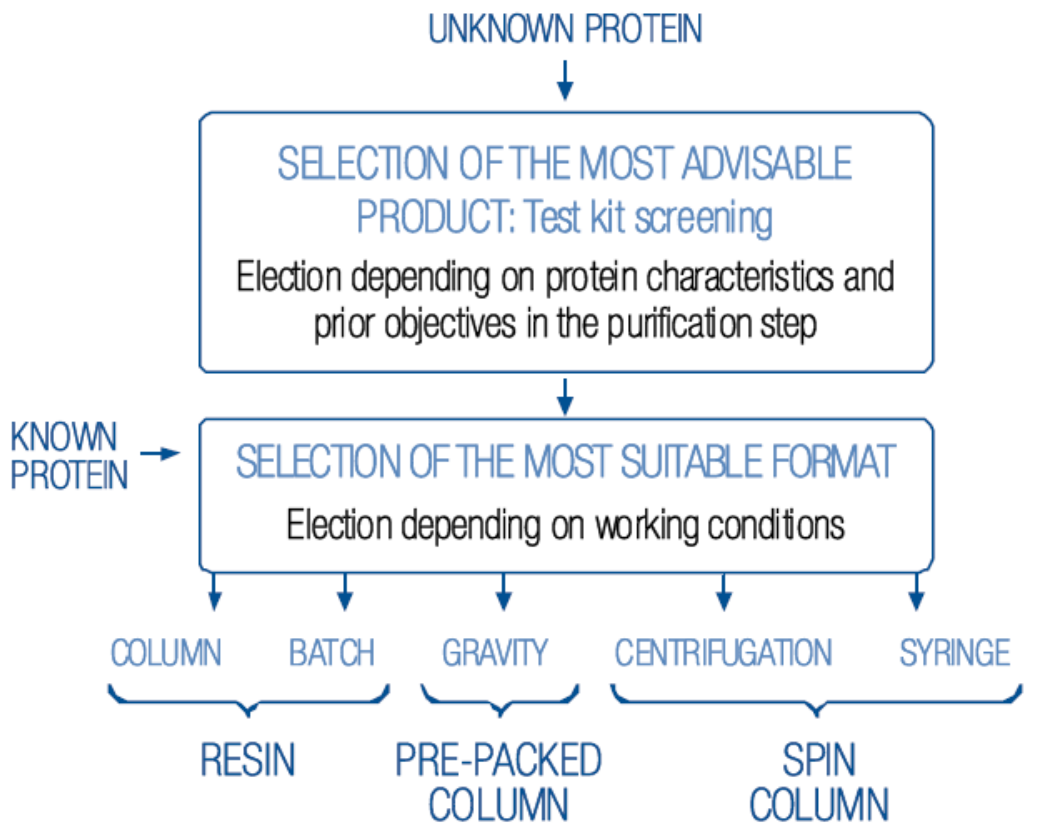
AFFINITY HIS-TAG PURIFICATION

SELECTION CRITERIA FOR HIS-TAG PURIFICATION PRODUCTS: Deciding on product formats and degrees of loading (high / low)

Immobilized Metal Affinity Chromatography (IMAC) is based on the interaction between His-tag proteins and transition metal cations.

ABT is the only company to offer a solution for every His-tag protein:

1. The widest selection of metal chelating beads (4 different metals).
2. Two different degrees of loading (high and low density).
3. Three different formats to optimize the recovery of the specific biomolecules.



ALL FORMATS AVAILABLE FOR ALL PRODUCTS

* For laboratory use only. Not for use in diagnostic or therapeutic procedures.



TEST KIT SCREENING*

The choice of the best product depends on the objectives /priorities for each purification (binding capacity /selectivity) and the type of protein to be purified (easy or difficult to separate). The easiest strategy is to screen with the correct Test kit, and decide on options.

- Most suitable Test kit for range finding.
- All protein type solutions.
- Selection of the most advisable product.

ELECTION DEPENDING ON PROTEIN CHARACTERISTICS

DESCRIPTION	CAT. No.	COMMENTS
NICKEL CHELATE KIT Includes: 2 ml HIGH Density NICKEL, 2 ml LOW Density NICKEL	6BCL-KNi-2	
NICKEL CHELATE KIT + 20 empty mini columns	6BCL-KNiSP-2	
NICKEL & COBALT CHELATE KIT Includes: 2 ml HIGH Density NICKEL, 2 ml LOW Density NICKEL 2 ml HIGH Density COBALT	6BCL-KNiCo-2	Recommended for proteins that are easy to separate
NICKEL & COBALT CHELATE KIT + 30 empty mini columns	6BCL-KNiCoSP-2	
ZINC CHELATE KIT Includes: 2 ml HIGH Density ZINC, 2 ml LOW Density ZINC	6BCL-KZn-2	
ZINC CHELATE KIT + 20 empty mini columns	6BCL-KZnSP-2	Recommended for proteins that are difficult to separate
ZINC & COPPER CHELATE KIT Includes: 2 ml HIGH Density ZINC, 2 ml LOW Density ZINC 2 ml LOW Density COPPER	6BCL-KZnCu-2	
ZINC & COPPER CHELATE KIT + 30 empty mini columns	6BCL-KZnCuSP-2	

ELECTION DEPENDING ON PRIOR OBJECTIVES IN THE PURIFICATION STEP

DESCRIPTION	CAT. No.	COMMENTS
HIGH DENSITY CHELATE KIT Includes: 2 ml HIGH Density METAL FREE, 2 ml HIGH Density NICKEL 2 ml HIGH Density ZINC, 2 ml HIGH Density COBALT	6BCL-KH-2	High binding capacity
HIGH DENSITY CHELATE KIT + 40 empty mini columns	6BCL-KHSP-2	
LOW DENSITY CHELATE KIT Includes: 2 ml LOW Density METAL FREE, 2 ml LOW Density NICKEL 2 ml LOW Density ZINC, 2 ml LOW Density COPPER	6BCL-KL-2	High Selectivity
LOW DENSITY CHELATE KIT + 40 empty mini columns	6BCL-KLSP-2	

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