

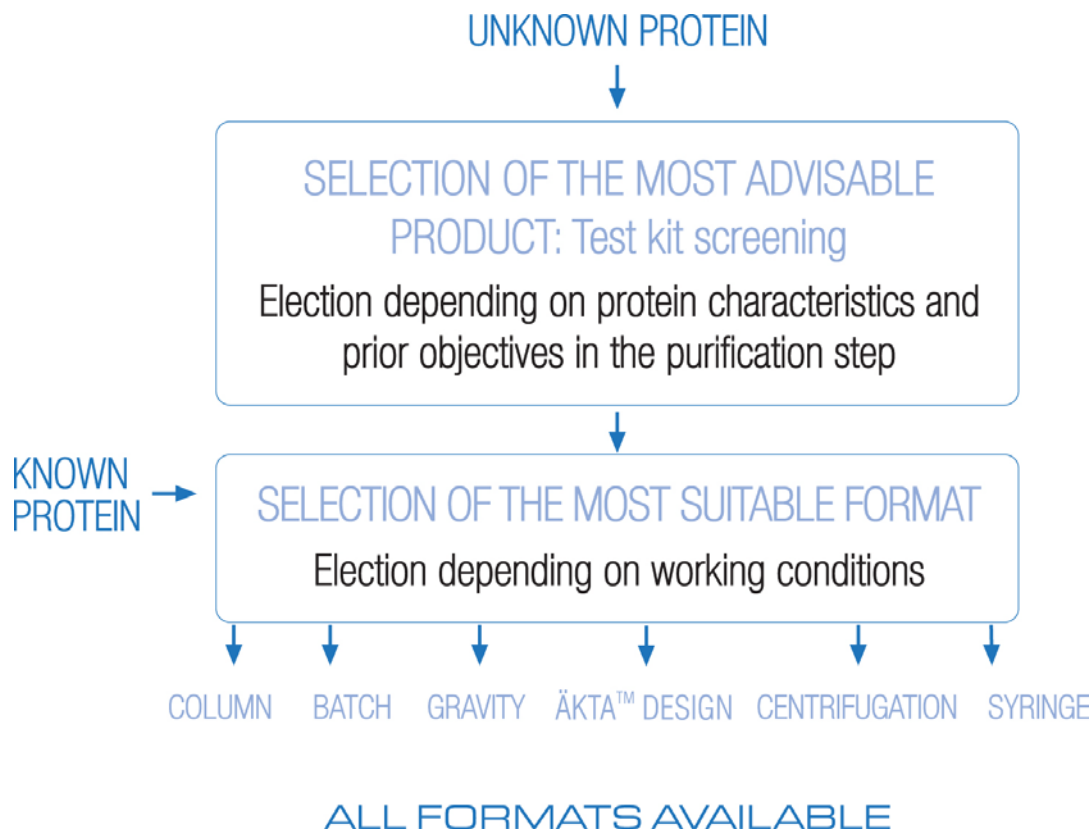


SELECTION CRITERIA FOR HIS-TAG PURIFICATION PRODUCTS: Deciding on product formats and degrees of loading (high / low)

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 (bulk resins, pre-packed columns and cartridges)
4. Easy scale up (High Flow Resins)





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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	
ZINC & COPPER CHELATE KIT Includes: 2 ml HIGH Density ZINC, 2 ml LOW Density ZINC 2 ml LOW Density COPPER	6BCL-KZnCu-2	Recommended for proteins that are difficult to separate
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	

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