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Immobilized Metal Affinity Chromatography with Phosphopeptide Enrichment

National Cancer Institute

Source

National Cancer Institute. *Immobilized Metal Affinity Chromatography with Phosphopeptide Enrichment*. NCI Thesaurus. Code C161793.

A method to purify phosphoproteins or phosphopeptides from a mixture that leverages their affinity to ferric ion-charged NTA-agarose beads. The mixture is loaded on the column at low pH and the phosphorylated proteins or peptides are eluted using alkaline buffers containing edetate at a pH range of 10-11 or phosphate-containing buffers.