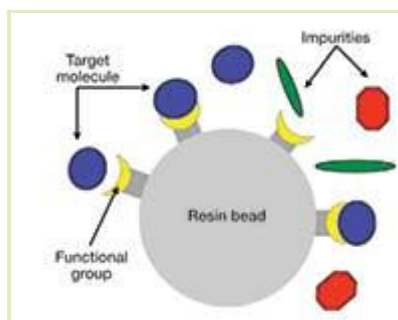


Chromatography Methods

May 21, 2013 3:10 pm EDT



Affinity chromatography takes advantage of specific biological functions of a protein to bind it to functional groups or ligands, which are attached to the chromatography matrix. Separation by ion exchange chromatography relies on the differences in the surface charges of the target molecule and the chromatography matrix. There are two types of ion exchange chromatography. Cation exchange chromatography uses a negatively charged matrix to bind positively charged molecules, while anion exchange chromatography uses a positively charged matrix to attract negatively charged molecules. Gel filtration...

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