

T1

## t-mAb Enrichment

Method	Selectivity	Price	Ease of Use	Example
Saturated ammonium sulfate crash	Isolates subset of proteins that includes immunoglobulins	\$	Simple	Enrichment of infliximab from serum before trypsin digest and peptide LC-MS/MS
Melon Gel	Isolates subset of proteins that includes immunoglobulins; favors IgG	\$\$	Simple	Enrichment of vedolizumab from serum before denaturation and intact light chain LC-MS quantitation
CaptureSelect Affinity Matrix	Class-specific	\$\$\$	Moderate	Isolation of all IgG4s and eculizumab from serum before denaturation and intact light chain LC-MS
Anti-Drug- Antibodies	Antigen-specific	\$\$\$\$	Difficult	Enrichment of vedolizumab from serum before denaturation and intact light chain LC-MS quantitation
SISCAPA	Peptide-specific	\$\$\$\$	Difficult	Enrichment of infliximab after trypsin digest before peptide LC-MS/MS

LC-MS/MS, liquid chromatography tandem mass spectrometry; IgG, immunoglobulin G