Simultaneous Quantification of Adalimumab and Infliximab in Human Plasma by Liquid Chromatography-Tandem Mass Spectrometry

DOI: 10.1097/ftd.0000000000000514
Therapeutic Drug Monitoring, 2018, 40, 417-424.

#	Paper	IF	Citations
23	Individualized Dosing of Therapeutic Monoclonal Antibodies-a Changing Treatment Paradigm?. *AAPS Journal*, **2018**, 20, 99	3.7	15
22	Investigating the utility of minimized sample preparation and high-resolution mass spectrometry for quantification of monoclonal antibody drugs. *Journal of Pharmaceutical and Biomedical Analysis*, **2018**, 159, 384-392	3.5	7
21	Six-step workflow for the quantification of therapeutic monoclonal antibodies in biological matrices with liquid chromatography mass spectrometry - A tutorial. *Analytica Chimica Acta*, **2019**, 1080, 22-34	6.6	9
20	Comparison of a new rapid method for the determination of adalimumab serum levels with two established ELISA kits. *Clinical Chemistry and Laboratory Medicine*, **2019**, 57, 1906-1914	5.9	11
19	A multiplex liquid chromatography tandem mass spectrometry method for the quantification of seven therapeutic monoclonal antibodies: Application for adalimumab therapeutic drug monitoring in patients with Crohn's disease. *Analytica Chimica Acta*, **2019**, 1067, 63-70	6.6	27
18	Simultaneous Quantification of Free Adalimumab and Infliximab in Human Plasma Using a Target-Based Sample Purification and Liquid Chromatography-Tandem Mass Spectrometry. *Therapeutic Drug Monitoring*, **2019**, 41, 640-647	3.2	11
17	New steps in infliximab therapeutic drug monitoring in patients with inflammatory bowel diseases. *British Journal of Clinical Pharmacology*, **2019**, 85, 722-728	3.8	3
16	Therapeutic Drug Monitoring of Biologic Agents in the Era of Precision Medicine. *Annals of Laboratory Medicine*, **2020**, 40, 95-96	3.1	1
15	Bottom-up sample preparation for the LC-MS/MS quantification of anti-cancer monoclonal antibodies in bio matrices. *Bioanalysis*, **2020**, 12, 1405-1425	2.1	6
14	. **2020**,		1
13	Development of a Mass Spectrometry-Based Method for Quantification of Ustekinumab in Serum Specimens. *Therapeutic Drug Monitoring*, **2020**, 42, 572-577	3.2	2
12	Therapeutic Drug Monitoring. **2020**, 479-504		1
11	Simultaneous quantification of rituximab and eculizumab in human plasma by liquid chromatography-tandem mass spectrometry and comparison with rituximab ELISA kits. *Clinical Biochemistry*, **2021**, 87, 60-66	3.5	6
10	Impact of the Opioid Epidemic on Drug Testing. *Therapeutic Drug Monitoring*, **2021**, 43, 14-24	3.2	1
9	Personalized Medicine of Monoclonal Antibodies in Inflammatory Bowel Disease: Pharmacogenetics, Therapeutic Drug Monitoring, and Beyond. *Frontiers in Pharmacology*, **2020**, 11, 610806	5.6	6
8	The First WHO International Standard for Adalimumab: Dual Role in Bioactivity and Therapeutic Drug Monitoring. *Frontiers in Immunology*, **2021**, 12, 636420	8.4	1
7	Direct and Precise Measurement of Bevacizumab Levels in Human Plasma Based on Controlled Methionine Oxidation and Multiple Reaction Monitoring. *ACS Pharmacology and Translational Science*, **2020**, 3, 1304-1309	5.9	1

6	Direct and Precise Measurement of Bevacizumab Levels in Human Plasma Based on Controlled Methionine Oxidation and Multiple Reaction Monitoring. *ACS Pharmacology and Translational Science*, **2020**, 3, 1304-1309	5.9	4
5	Cost-Effectiveness of Therapeutic Drug Monitoring of Anti-TNF Therapy in Inflammatory Bowel Disease: A Systematic Review. *Pharmaceutics*, **2022**, 14, 1009	6.4	1
4	A rapid and universal liquid chromatograph-mass spectrometry-based platform, refmAb-Q nSMOL, for monitoring monoclonal antibody therapeutics.		
3	Quantification of infliximab and adalimumab in human plasma by a liquid chromatography tandem mass spectrometry kit and comparison with two ELISA methods. *Bioanalysis*,	2.1	1
2	An Introduction to Bioanalysis of Monoclonal Antibodies. **2022**, 19-47		0
1	A rapid and universal liquid chromatograph-mass spectrometry-based platform, refmAb-Q nSMOL, for monitoring monoclonal antibody therapeutics. **2022**, 147, 4275-4284		1