

Simultaneous determination of tryptophan, kynurenine
and 5-hydroxytryptamine in human plasma by LC-MS/MS
for myocardial infarction monitoring

Biomedical Chromatography

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A validated surrogate analyte LC-MS/MS assay for quantitation of endogenous kynurenine and tryptophan in human plasma. <i>Bioanalysis</i> , 2018, 10, 1307-1317.	0.6	14
2	Ultra-performance liquid chromatography-tandem mass spectrometry quantitative profiling of tryptophan metabolites in human plasma and its application to clinical study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1128, 121745.	1.2	27
3	Quantitation of Neurotoxic Metabolites of the Kynurenine Pathway by Laser Desorption Ionization Mass Spectrometry (LDI-MS). <i>Methods in Molecular Biology</i> , 2019, 1996, 113-129.	0.4	4
4	Validation of a global quantitative analysis methodology of tryptophan metabolites in mice using LC-MS. <i>Talanta</i> , 2019, 195, 593-598.	2.9	33
5	Tryptophan in health and disease. <i>Advances in Clinical Chemistry</i> , 2020, 95, 165-218.	1.8	150
6	Determination of Tryptophan and Kynurenine by LC-MS/MS by Using Amlodipine as an Internal Standard. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 379-385.	1.2	8
7	Quantitation of Four Tryptophan-Related Impurities in Compound Amino Acid Injection-18 AA by HPLC-PDA. <i>Chromatographia</i> , 2020, 83, 205-217.	0.7	1
8	High-resolution metabolomics study revealing L-homocysteine sulfinic acid, cysteic acid, and carnitine as novel biomarkers for high acute myocardial infarction risk. <i>Metabolism: Clinical and Experimental</i> , 2020, 104, 154051.	1.5	26
9	LC-QTOF/MS determination of tryptophan and kynurenine in infant formulas. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 191, 113619.	1.4	4
10	Simple and reliable serotonin assay in human serum by LC-MS/MS method coupled with one step protein precipitation for clinical testing in patients with carcinoid tumors. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1158, 122395.	1.2	7
11	Altered kynurenine pathway metabolite levels in toddlers and preschool children with autism spectrum disorder. <i>International Journal of Neuroscience</i> , 2022, 132, 826-834.	0.8	8
12	Metabolomics Study Revealing the Potential Risk and Predictive Value of Fragmented QRS for Acute Myocardial Infarction. <i>Journal of Proteome Research</i> , 2020, 19, 3386-3395.	1.8	10
13	A surrogate analyte-based LC-MS/MS method for the determination of 5-hydroxytryptamine, kynurenine and tryptophan. <i>Bioanalysis</i> , 2020, 12, 129-142.	0.6	7
14	Development and validation of a liquid chromatography method using UV/fluorescence detection for the quantitative determination of metabolites of the kynurenine pathway in human urine: Application to patients with heart failure. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 198, 113997.	1.4	8
15	Altered kynurenine pathway metabolism in patients with ankylosing spondylitis. <i>International Immunopharmacology</i> , 2021, 99, 108018.	1.7	15
16	Chromatographic method for the determination of inflammatory biomarkers and uric acid in human saliva. <i>Talanta</i> , 2021, 233, 122598.	2.9	23
17	The Effect of LPS and Ketoprofen on Cytokines, Brain Monoamines, and Social Behavior in Group-Housed Pigs. <i>Frontiers in Veterinary Science</i> , 2020, 7, 617634.	0.9	10
18	Tryptophan, after inflammatory cytokine stimulation, determines plaque vulnerability and risk of myocardial infarction. , 2022, , 81-91.		0

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19	A review of chromatographic methods for bioactive tryptophan metabolites, kynurenine, kynurenic acid, quinolinic acid, and others, in biological fluids. <i>Biomedical Chromatography</i> , 2022, 36, e5308.	0.8	8
20	Kynurenine pathway of tryptophan metabolism in patients with familial Mediterranean fever. <i>Modern Rheumatology</i> , 2023, 33, 398-407.	0.9	7
21	Kynurenine Pathway Metabolites as Potential Clinical Biomarkers in Coronary Artery Disease. <i>Frontiers in Immunology</i> , 2021, 12, 768560.	2.2	24
22	Evaluation of Metabolic Changes in Acute Intermittent Porphyria Patients by Targeted Metabolomics. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3219.	1.8	7
29	Elevated serum levels of kynurenine pathway metabolites in patients with Behçet disease. <i>Amino Acids</i> , 2022, 54, 877-887.	1.2	5
31	Adipocyte-derived kynurenine promotes obesity and insulin resistance by activating the AhR/STAT3/IL-6 signaling. <i>Nature Communications</i> , 2022, 13, .	5.8	28
32	Associations between plasma tryptophan and indole-3-propionic acid levels and mortality in patients with coronary artery disease. <i>American Journal of Clinical Nutrition</i> , 2022, 116, 1070-1077.	2.2	13
33	The Footprint of Kynurenine Pathway in Cardiovascular Diseases. <i>International Journal of Tryptophan Research</i> , 2022, 15, 117864692210966.	1.0	19
34	Validation of a liquid chromatography coupled to tandem mass spectrometry method for simultaneous quantification of tryptophan and 10 key metabolites of the kynurenine pathway in plasma and urine: Application to a cohort of acute kidney injury patients. <i>Clinica Chimica Acta</i> , 2022, 534, 115-127.	0.5	6
35	Establishment of an early diagnosis model of colon cancerous bowel obstruction based on ¹ H NMR. <i>PLoS ONE</i> , 2022, 17, e0266730.	1.1	2
36	Simultaneous determination of serum tryptophan metabolites in an older Chinese population. <i>Biomedical Chromatography</i> , 2023, 37, .	0.8	4
37	Ålave Åyekerlerle beslenen ratlarda deÅYiÅYmiÅY kinÅ¼4renin yolaÅY± metabolizmasÅ±. <i>Genel TÅ±p Dergisi</i> , 0, , .0.1		0
38	Untargeted metabolomics identified kynurenine as a predictive prognostic biomarker in acute myocardial infarction. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
39	A spectrophotometric method for the determination of tryptophan following oxidation by the addition of sodium hypochlorite pentahydrate. <i>PLoS ONE</i> , 2023, 18, e0279547.	1.1	3
40	Impaired kynurenine metabolism in patients with primary SjÅgrenâ€™s syndrome. <i>Clinical Biochemistry</i> , 2023, 114, 1-10.	0.8	2
41	Measurement of kynurenine pathway metabolites by tandem mass spectrometry. <i>Journal of Mass Spectrometry and Advances in the Clinical Lab</i> , 2023, 28, 114-121.	1.3	2