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Therapeutic drug monitoring of tacrolimus with the dried blood spot method

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#	Paper	IF	Citations
157	Dried blood spot measurement: application in tacrolimus monitoring using limited sampling strategy and abbreviated AUC estimation. 2008 , 21, 140-5		50
156	Quantification of protease inhibitors and non-nucleoside reverse transcriptase inhibitors in dried blood spots by liquid chromatography-triple quadrupole mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008 , 867, 205-12	3.2	96
155	Application of dried blood spots combined with HPLC-MS/MS for the quantification of acetaminophen in toxicokinetic studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008 , 870, 32-7	3.2	227
154	Recent development in application of high performance liquid chromatography-tandem mass spectrometry in therapeutic drug monitoring of immunosuppressants. 2008 , 336, 98-103		54
153	Therapeutic Drug Monitoring in Clinical Research. 2008 , 22, 235-244		10
152	Stability of benzodiazepines and cocaine in blood spots stored on filter paper. 2008 , 32, 511-5		91
151	Embryo-fetal developmental toxicity study design for pharmaceuticals. 2009 , 86, 418-28		41
150	Application of dried blood spots combined with high-performance liquid chromatography coupled with electrospray ionisation tandem mass spectrometry for simultaneous quantification of vincristine and actinomycin-D. 2009 , 394, 1171-82		46
149	A new rapid micromethod for the assay of phenobarbital from dried blood spots by LC-tandem mass spectrometry. 2009 , 50, 2658-62		47
148	Study of dried blood spots technique for the determination of dextromethorphan and its metabolite dextrorphan in human whole blood by LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 799-806	3.2	86
147	Therapeutic drug monitoring of everolimus using the dried blood spot method in combination with liquid chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 50, 664-70	3.5	91
146	On-line desorption of dried blood spot: A novel approach for the direct LC/MS analysis of micro-whole blood samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 49, 1034-9	3.5	78
145	Liquid chromatography-mass spectrometry characterization of FK506 biosynthetic intermediates in <i>Streptomyces clavuligerus</i> KCTC 10561BP. 2009 , 393, 1-7		15
144	Analysis of blood spots for polyfluoroalkyl chemicals. <i>Analytica Chimica Acta</i> , 2009 , 656, 51-5	6.6	36
143	Laboratory evaluation of a novel capillary blood sampling device for measuring eight clinical chemistry parameters and HbA1c. 2009 , 401, 152-7		29
142	Dried blood spots as a sample collection technique for the determination of pharmacokinetics in clinical studies: considerations for the validation of a quantitative bioanalytical method. <i>Analytical Chemistry</i> , 2009 , 81, 1557-63	7.8	366
141	Dried blood spot methods in therapeutic drug monitoring: methods, assays, and pitfalls. <i>Therapeutic Drug Monitoring</i> , 2009 , 31, 327-36	3.2	397

140	Use of dried blood spots in drug development: pharmacokinetic considerations. 2010 , 12, 290-3		101
139	Determination of Ciprofloxacin in Dried Blood Spots for Therapeutic Drug Monitoring. 2010 , 71, 999-1005		9
138	A Simple Dried Blood Spot Assay for Therapeutic Drug Monitoring of Lamotrigine. 2010 , 71, 1093-1099		22
137	Use of the dried blood spot sampling process coupled with fast gas chromatography and negative-ion chemical ionization tandem mass spectrometry: application to fluoxetine, norfluoxetine, reboxetine, and paroxetine analysis. 2010 , 396, 2523-32		43
136	Dried blood spot sampling in combination with LC-MS/MS for quantitative analysis of small molecules. <i>Biomedical Chromatography</i> , 2010 , 24, 49-65	1.7	458
135	HPLC-MS method for the quantification of nine anti-HIV drugs from dry plasma spot on glass filter and their long term stability in different conditions. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 52, 774-80	3.5	62
134	Liquid chromatography/tandem mass spectrometry sensitivity enhancement via online sample dilution and trapping: applications in microdosing and dried blood spot (DBS) bioanalysis. <i>Rapid Communications in Mass Spectrometry</i> , 2010 , 24, 2575-83	2.2	15
133	Study to assess the effect of age of control human and animal blood on its suitability for use in quantitative bioanalytical DBS methods. <i>Bioanalysis</i> , 2010 , 2, 1373-84	2.1	15
132	Application of the DBS methodology to a toxicokinetic study in rats and transferability of analysis between bioanalytical laboratories. <i>Bioanalysis</i> , 2010 , 2, 1489-99	2.1	30
131	Validation of individual quantitative methods for determination of cytochrome P450 probe substrates in human dried blood spots with HPLC-MS/MS. <i>Bioanalysis</i> , 2010 , 2, 1849-61	2.1	16
130	Pharmacokinetic considerations as to when to use dried blood spot sampling. <i>Bioanalysis</i> , 2010 , 2, 1791-6.1		112
129	Human DBS sampling with LC-MS/MS for enantioselective determination of metoprolol and its metabolite O-desmethyl metoprolol. <i>Bioanalysis</i> , 2010 , 2, 1437-48	2.1	15
128	LC-MS/MS for immunosuppressant therapeutic drug monitoring. <i>Bioanalysis</i> , 2010 , 2, 1141-53	2.1	17
127	Direct analysis of dried blood spots utilizing desorption electrospray ionization (DESI) mass spectrometry. 2010 , 135, 720-5		115
126	Analytical methods used in conjunction with dried blood spots. <i>Analytical Methods</i> , 2011 , 3, 1709	3.2	42
125	Pharmacokinetics in Drug Development. 2011 ,		20
124	Pediatric Clinical Pharmacology. <i>Handbook of Experimental Pharmacology</i> , 2011 ,	3.2	8
123	Molecular Chaperones. <i>Methods in Molecular Biology</i> , 2011 ,	1.4	1

122	A dried blood spots technique based LC-MS/MS method for the analysis of posaconazole in human whole blood samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011 , 879, 3626-38	3.2	30
121	Microassay of drugs and modern measurement techniques. 2011 , 21, 197-205		12
120	Automated system for on-line desorption of dried blood spots applied to LC/MS/MS pharmacokinetic study of flurbiprofen and its metabolite. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 54, 359-67	3.5	69
119	Rapid determination of rifaximin on dried blood spots by LC-ESI-MS. <i>Biomedical Chromatography</i> , 2011 , 25, 1201-7	1.7	20
118	The current role of liquid chromatography-tandem mass spectrometry in therapeutic drug monitoring of immunosuppressant and antiretroviral drugs. <i>Clinical Biochemistry</i> , 2011 , 44, 14-20	3.5	53
117	The analysis of dried blood spot samples using liquid chromatography tandem mass spectrometry. <i>Clinical Biochemistry</i> , 2011 , 44, 110-8	3.5	85
116	Principles of therapeutic drug monitoring. <i>Handbook of Experimental Pharmacology</i> , 2011 , 205, 77-90	3.2	19
115	The Use of Dried Blood Spots for Concentration Assessment in Pharmacokinetic Evaluations. 2011 , 91-114		6
114	Implementing DBS methodology for the determination of Compound A in monkey blood: GLP method validation and investigation of the impact of blood spreading on performance. <i>Bioanalysis</i> , 2011 , 3, 1241-52	2.1	16
113	Simultaneous LC-MS/MS quantitation of acetaminophen and its glucuronide and sulfate metabolites in human dried blood spot samples collected by subjects in a pilot clinical study. <i>Bioanalysis</i> , 2012 , 4, 1429-43	2.1	23
112	Automated dried blood spots standard and QC sample preparation using a robotic liquid handler. <i>Bioanalysis</i> , 2012 , 4, 2795-804	2.1	9
111	Effect of mild diarrhea on tacrolimus exposure. <i>Transplantation</i> , 2012 , 94, 763-7	1.8	11
110	Dried blood spot bioanalysis: an evaluation of techniques and opportunities for reduction and refinement in mouse and juvenile rat toxicokinetic studies. 2012 , 31, 4-13		39
109	Impact of Sampling Paper/Cards on Bioanalytical Quantitation via Dried Blood Spots by Liquid Chromatography-Mass Spectrometry. 2012 , 67-80		
108	On-line solid-phase extraction high-performance liquid chromatography-tandem mass spectrometry for the quantitative analysis of tacrolimus in whole blood hemolyzate. 2012 , 404, 863-74		9
107	Simultaneous measurement of cyclosporin A and tacrolimus from dried blood spots by ultra high performance liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 883-884, 102-7	3.2	46
106	On-line liquid chromatography/tandem mass spectrometry simultaneous determination of opiates, cocaine and amphetamines in dried blood spots. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 885-886, 1-7	3.2	57
105	Liquid chromatography-mass spectrometric determination of losartan and its active metabolite on dried blood spots. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 902, 47-54	3.2	17

104	Development and validation of a sensitive LC-MS/MS method for determination of tacrolimus on dried blood spots. <i>Biomedical Chromatography</i> , 2013 , 27, 327-34	1.7	23
103	Analysis of cyclosporin A, tacrolimus, sirolimus, and everolimus in dried blood spot samples using liquid chromatography tandem mass spectrometry. 2012 , 404, 1803-11		41
102	An introduction to drug testing: the expanding role of mass spectrometry. <i>Methods in Molecular Biology</i> , 2012 , 902, 1-13	1.4	2
101	Principles and Applications of LC-MS/MS for the Quantitative Bioanalysis of Analytes in Various Biological Samples. 2012 ,		12
100	A simplified method for busulfan monitoring using dried blood spot in combination with liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2012 , 26, 1437-46	2.2	36
99	Quantitative determination of atenolol in dried blood spot samples by LC-HRMS: a potential method for assessing medication adherence. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 897, 72-9	3.2	40
98	Analysis of tacrolimus and creatinine from a single dried blood spot using liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013 , 926, 54-61	3.2	59
97	Body fluid and tissue analysis using filter paper sampling support prior to LC-MS/MS: application to fatal overdose with colchicine. 2013 , 5, 763-72		16
96	Clinical validation and implementation of a multiplexed immunosuppressant assay in dried blood spots by LC-MS/MS. 2013 , 421, 152-6		39
95	Fast LC-MS/MS analysis of tacrolimus, sirolimus, everolimus and cyclosporin A in dried blood spots and the influence of the hematocrit and immunosuppressant concentration on recovery. 2013 , 115, 47-54		86
94	Evaluation of dried blood spots for the quantification of therapeutic monoclonal antibodies and detection of anti-drug antibodies. <i>Bioanalysis</i> , 2013 , 5, 613-22	2.1	19
93	Clinical validation of dried blood spot sampling in therapeutic drug monitoring of ciclosporin A in allogeneic stem cell transplant recipients: direct comparison between capillary and venous sampling. <i>Therapeutic Drug Monitoring</i> , 2013 , 35, 92-5	3.2	24
92	Lower variability in 24-hour exposure during once-daily compared to twice-daily tacrolimus formulation in kidney transplantation. <i>Transplantation</i> , 2014 , 97, 775-80	1.8	76
91	. 2014 ,		23
90	Rectal and sublingual administration of tacrolimus: a single-dose pharmacokinetic study in healthy volunteers. <i>British Journal of Clinical Pharmacology</i> , 2014 , 78, 996-1004	3.8	8
89	Considerations in Development and Validation of LC-MS/MS Method for Quantitative Analysis of Small Molecules in Dried Blood Spot Samples. 2014 , 168-178		1
88	Quantification of rifapentine, a potent antituberculosis drug, from dried blood spot samples using liquid chromatographic-tandem mass spectrometric analysis. 2014 , 58, 6747-57		13
87	Procedures and practices for the validation of bioanalytical methods using dried blood spots: a review. <i>Bioanalysis</i> , 2014 , 6, 2481-514	2.1	67

86	Simplifying sample pretreatment: application of dried blood spot (DBS) method to blood samples, including postmortem, for UHPLC-MS/MS analysis of drugs of abuse. 2014 , 243, 61-7	50
85	Dried blood spots: concepts, present status, and future perspectives in bioanalysis. 2014 , 6, 399-414	88
84	Therapeutic drug monitoring by dried blood spot: progress to date and future directions. 2014 , 53, 961-73	212
83	Rapid and sensitive UPLC-MS-MS determination of tacrolimus in Wistar rats and human blood. 2014 , 52, 59-67	9
82	HPLC-PDA-ORD bioassay of S-(+) and R-(-) clopidogrel on rat dried blood spots. 2014 , 26, 102-7	5
81	Mass spectrometry analysis of blood low-molecular fraction as a method for unification of therapeutic drug monitoring. 2014 , 8, 1-10	2
80	Influence of haematocrit level on the kinetics of blood spreading on thin porous medium during dried blood spot sampling. 2014 , 451, 38-47	30
79	Delayed trough level measurement with the use of prolonged-release tacrolimus. 2015 , 28, 314-8	7
78	Dried blood spot sampling for therapeutic drug monitoring. 2015 , 66-78	
77	Influence of Hematocrit and Total-Spot Volume on Performance Characteristics of Dried Blood Spots for Newborn Screening. 2015 , 1, 69-78	50
76	Limited sampling strategy for prolonged-release tacrolimus in renal transplant patients by use of the dried blood spot technique. <i>European Journal of Clinical Pharmacology</i> , 2015 , 71, 811-6	2.8 16
75	Biomonitoring using dried blood spots: detection of ochratoxin A and its degradation product 2R-ochratoxin A in blood from coffee drinkers. 2015 , 59, 1837-43	42
74	Tacrolimus and sirolimus in capillary dried blood spots allows for remote monitoring. <i>Pediatric Transplantation</i> , 2015 , 19, 101-6	1.8 22
73	Analysis of benzodiazepines and their metabolites using DBS cards and LC-MS/MS. 2015 , 255, 137-45	16
72	Alternative matrices for therapeutic drug monitoring of immunosuppressive agents using LC-MS/MS. <i>Bioanalysis</i> , 2015 , 7, 1037-58	2.1 25
71	Mass spectral study of storage conditions and paper substrates on the degradation and analytical sensitivity of therapeutic drugs in dried blood spots. 2015 , 387, 38-44	8
70	Hematocrit-independent recovery of immunosuppressants from DBS using heated flow-through desorption. <i>Bioanalysis</i> , 2015 , 7, 2019-29	2.1 18
69	Rat dried blood spot analysis of (R,S)-(-)- and (S,R)-(+)- enantiomers of emtricitabin on immobilized tris-(3,5-dimethylphenyl carbamate) amylose silica as a chiral stationary phase. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015 , 1002, 160-8	3.2 9

68	Liquid chromatography tandem mass spectrometry in the clinical laboratory. 2015 , 52, 18-38		58
67	The use of mass spectrometry to analyze dried blood spots. <i>Mass Spectrometry Reviews</i> , 2016 , 35, 361-438		143
66	Biomarkers for nutrient intake with focus on alternative sampling techniques. 2016 , 11, 12		28
65	Dried blood spots analysis with mass spectrometry: Potentials and pitfalls in therapeutic drug monitoring. <i>Clinical Biochemistry</i> , 2016 , 49, 1035-46	3.5	77
64	A preliminary study searching for the right dose of tacrolimus in very young (4 years) renal transplant patients. 2016 , 68, 1366-1372		3
63	Development and validation of a sensitive and selective LC-MS/MS method for determination of tacrolimus in oral fluids. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016 , 1038, 136-141	3.2	8
62	Analysis of ochratoxin A in dried blood spots - Correlation between venous and finger-prick blood, the influence of hematocrit and spotted volume. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016 , 1020, 158-64	3.2	11
61	Development and Application of Zirconia Coated Paper Substrate for High Sensitivity Analysis of Therapeutic Drugs in Dried Blood Spots. <i>Analytical Chemistry</i> , 2016 , 88, 7005-13	7.8	42
60	Application of liquid chromatography combined with mass spectrometry or tandem mass spectrometry for therapeutic drug monitoring of immunosuppressants. 2016 , 57-81		3
59	Current methods of the analysis of immunosuppressive agents in clinical materials: A review. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 127, 207-31	3.5	52
58	A clinical validation study for application of DBS in therapeutic drug monitoring of antidepressants. <i>Bioanalysis</i> , 2016 , 8, 413-24	2.1	9
57	Therapeutic drug monitoring of once-daily tacrolimus (Advagraf) in a gastrectomized kidney transplant recipient. <i>Nephrology</i> , 2017 , 22, 184	2.2	
56	Liquid chromatography-mass spectrometry determination of iloperidone on rat dried blood spots: application to pharmacokinetics. <i>Analytical Methods</i> , 2017 , 9, 5749-5756	3.2	
55	Dried Blood Spot Sampling for Tacrolimus and Mycophenolic Acid in Children: Analytical and Clinical Validation. <i>Therapeutic Drug Monitoring</i> , 2017 , 39, 412-421	3.2	20
54	Pharmacokinetic considerations related to therapeutic drug monitoring of tacrolimus in kidney transplant patients. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2017 , 13, 1225-1236	5.5	69
53	Longitudinal study on the use of dried blood spots for home monitoring in children after kidney transplantation. <i>Pediatric Transplantation</i> , 2017 , 21, e12983	1.8	15
52	Clinical Validation of Simultaneous Analysis of Tacrolimus, Cyclosporine A, and Creatinine in Dried Blood Spots in Kidney Transplant Patients. <i>Transplantation</i> , 2017 , 101, 1727-1733	1.8	24
51	Iohexol plasma clearance simplified by dried blood spot testing. <i>Nephrology Dialysis Transplantation</i> , 2018 , 33, 1597-1603	4.3	18

50	Determination of electrical parameters of dried blood spot samples with different concentration of methotrexate. 2017 ,		1
49	Development and validation of a liquid chromatography/tandem mass spectrometry method for determination of caspofungin in dried blood spots. <i>Rapid Communications in Mass Spectrometry</i> , 2018 , 32, 1068-1074	2.2	5
48	Placental disposition of the immunosuppressive drug tacrolimus in renal transplant recipients and in ex vivo perfused placental tissue. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 119, 244-248	5.1	10
47	LC-PDA-ORD Bioassay of S-(+) and R-(-) Colchicine on Rat Dried Blood Spots: Application to a Pharmacokinetic Study. <i>Analytical Chemistry Letters</i> , 2018 , 8, 139-151	1	
46	Dried Blood Spheroids for Dry-State Room Temperature Stabilization of Microliter Blood Samples. <i>Analytical Chemistry</i> , 2018 , 90, 9353-9358	7.8	22
45	Microsampling: considerations for its use in pharmaceutical drug discovery and development. <i>Bioanalysis</i> , 2019 , 11, 1015-1038	2.1	26
44	Performance of a web-based application measuring spot quality in dried blood spot sampling. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 1846-1853	5.9	4
43	Improved Dried Blood Spot-Based Metabolomics Analysis by a Postcolumn Infused-Internal Standard Assisted Liquid Chromatography-Electrospray Ionization Mass Spectrometry Method. <i>Analytical Chemistry</i> , 2019 , 91, 10702-10712	7.8	4
42	Dried blood spots sampling in case samples deprived of hematocrit level information - Investigation and calculation strategy. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019 , 1124, 308-312	3.2	9
41	Preanalytical considerations in therapeutic drug monitoring of immunosuppressants with dried blood spots. <i>Diagnosis</i> , 2019 , 6, 57-68	4.2	8
40	Predictability of Capillary Blood Spot Toward Venous Whole Blood Sampling for Therapeutic Drug Monitoring of Tacrolimus in Solid Organ Transplant Recipients. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2019 , 44, 729-741	2.7	2
39	C/D Ratio in Long-Term Renal Function. <i>Transplantation Proceedings</i> , 2019 , 51, 3265-3270	1.1	5
38	Clinical application of a dried blood spot assay for sirolimus and everolimus in transplant patients. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019 , 57, 1854-1862	5.9	6
37	Official International Association for Therapeutic Drug Monitoring and Clinical Toxicology Guideline: Development and Validation of Dried Blood Spot-Based Methods for Therapeutic Drug Monitoring. <i>Therapeutic Drug Monitoring</i> , 2019 , 41, 409-430	3.2	91
36	The potential impact of hematocrit correction on evaluation of tacrolimus target exposure in pediatric kidney transplant patients. <i>Pediatric Nephrology</i> , 2019 , 34, 507-515	3.2	7
35	Assessment of tacrolimus inpatient variability in stable adherent transplant recipients: Establishing baseline values. <i>American Journal of Transplantation</i> , 2019 , 19, 1410-1420	8.7	44
34	Quantitative dried blood spot analysis for metallodrugs by laser ablation-inductively coupled plasma-mass spectrometry. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019 , 51, 50-56	4.1	13
33	Emerging trends in paper spray mass spectrometry: Microsampling, storage, direct analysis, and applications. <i>Mass Spectrometry Reviews</i> , 2020 , 39, 336-370	11	40

32	Optimization of chromatography to overcome matrix effect for reliable estimation of four small molecular drugs from biological fluids using LC-MS/MS. <i>Biomedical Chromatography</i> , 2020 , 34, e4777	1.7	2
31	Tacrolimus Area Under the Concentration Versus Time Curve Monitoring, Using Home-Based Volumetric Absorptive Capillary Microsampling. <i>Therapeutic Drug Monitoring</i> , 2020 , 42, 407-414	3.2	9
30	Quantitative microsampling for bioanalytical applications related to the SARS-CoV-2 pandemic: Usefulness, benefits and pitfalls. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 191, 113597	3.5	10
29	Technological advancement in dry blood matrix microsampling and its clinical relevance in quantitative drug analysis. <i>Bioanalysis</i> , 2020 , 12, 1483-1501	2.1	1
28	Development of a dried blood spot sampling method towards therapeutic monitoring of radotinib in the treatment of chronic myeloid leukaemia. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2020 , 45, 1006-1013	2.2	6
27	A limited sampling strategy to estimate exposure of once-daily modified release tacrolimus in renal transplant recipients using linear regression analysis and comparison with Bayesian population pharmacokinetics in different cohorts. <i>European Journal of Clinical Pharmacology</i> , 2020 , 76, 685-693	2.8	3
26	The use of dried blood spots for characterizing children's exposure to organic environmental chemicals. <i>Environmental Research</i> , 2021 , 195, 110796	7.9	1
25	Comparison of different preparation techniques of dried blood spot quality controls in newborn screening for congenital adrenal hyperplasia. <i>PLoS ONE</i> , 2021 , 16, e0252091	3.7	0
24	Comparative Bioavailability and Pharmacokinetics Between the Solid Form of Metformin vs a Novel Liquid Extemporaneous Formulation in Children. <i>Dose-Response</i> , 2021 , 19, 15593258211033140	2.3	
23	A simplified method for bortezomib determination using dried blood spots in combination with liquid chromatography/tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021 , 1181, 122905	3.2	1
22	Overview of therapeutic drug monitoring of immunosuppressive drugs: Analytical and clinical practices. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 205, 114315	3.5	4
21	Review of the Preanalytical Errors That Impact Therapeutic Drug Monitoring. <i>Therapeutic Drug Monitoring</i> , 2021 , 43, 595-608	3.2	1
20	Validation of a simple liquid chromatography coupled to tandem mass spectrometry method for the simultaneous determination of tacrolimus, sirolimus, everolimus and cyclosporin A in dried matrix on paper discs. <i>Journal of Mass Spectrometry and Advances in the Clinical Lab</i> , 2021 , 19, 7-19		1
19	Sample collection, biobanking, and analysis. <i>Handbook of Experimental Pharmacology</i> , 2011 , 205, 203-17	3.2	4
18	Cost Evaluation of Dried Blood Spot Home Sampling as Compared to Conventional Sampling for Therapeutic Drug Monitoring in Children. <i>PLoS ONE</i> , 2016 , 11, e0167433	3.7	44
17	Volumetric absorptive microsampling and dried blood spot microsampling vs. conventional venous sampling for tacrolimus trough concentration monitoring. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 58, 1687-1695	5.9	11
16	[Mass spectrometry of blood low-molecular fraction as a method for unification of therapeutic drug monitoring]. <i>Biomeditsinskaya Khimiya</i> , 2014 , 60, 201-16	0.8	4
15	Quantification of the Immunosuppressant Tacrolimus on Dried Blood Spots Using LC-MS/MS. <i>Journal of Visualized Experiments</i> , 2015 , e52424	1.6	11

14	Determination of Calcineurin Inhibitors in Dried Blood Spots from Kidney Transplant Recipients. <i>American Journal of Analytical Chemistry</i> , 2013 , 04, 27-35	0.7	1
13	Comparison of conventional dried blood spots and volumetric absorptive microsampling for tacrolimus and mycophenolic acid determination. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022 , 208, 114443	3.5	1
12	Quantitation of heat-shock proteins in clinical samples using mass spectrometry. <i>Methods in Molecular Biology</i> , 2011 , 787, 165-88	1.4	
11	Advantages and Challenges of Dried Blood Spot Analysis by Mass Spectrometry Across the Total Testing Process. <i>Electronic Journal of the International Federation of Clinical Chemistry and Laboratory Medicine</i> , 2016 , 27, 288-317	2.4	60
10	Analytical and clinical validation of Dried blood spot and Volumetric Absorptive Microsampling for measurement of tacrolimus and creatinine after renal transplantation.. <i>Clinical Biochemistry</i> , 2022 ,	3.5	0
9	Quantification of immunosuppressants from one 3.2mm dried blood spot by a novel cold-induced phase separation based LC-MS/MS method. <i>Analytica Chimica Acta</i> , 2022 , 1210, 339889	6.6	1
8	Volumetric microsampling for simultaneous remote immunosuppressant and kidney function monitoring in outpatient kidney transplant recipients. <i>British Journal of Clinical Pharmacology</i> ,	3.8	0
7	The Clinical Validation Of A Dried Blood Spot Method For Simultaneous Measurement Of Cyclosporine A, Tacrolimus, Creatinine, And Hematocrit. 2022 ,		0
6	Results from a proficiency testing pilot for immunosuppressant microsampling assays. 2022 , Publish Ahead of Print,		0
5	Finger-prick microsampling methods can replace venepuncture for simultaneous therapeutic drug monitoring of tacrolimus, mycophenolic acid, and prednisolone concentrations in adult kidney transplant patients.. 2022 , Publish Ahead of Print,		0
4	Rapid diagnosis of malaria by chemometric peak-free LIBS of trace biometals in blood. 2022 , 12,		0
3	Reliability and feasibility of home-based dried blood spot in therapeutic drug monitoring: a systematic review and meta-analysis.		0
2	DRIED BLOOD MICROSAMPLING-ASSISTED THERAPEUTIC DRUG MONITORING OF IMMUNOSUPPRESSANTS: AN OVERVIEW. 2022 , 463724		0
1	Serum Creatinine and Tacrolimus Assessment With VAMS Finger-Prick Microsampling: A Diagnostic Test Study. 2023 , 5, 100610		0