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List of articles citing

**Merck's perspective on the implementation of dried blood spot technology in clinical drug development - why, when and how**

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**Bioanalysis, 2013, 5, 341-50.**

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#	Paper	IF	Citations
61	Comparison of proteins in whole blood and dried blood spot samples by LC/MS/MS. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2013</b> , 24, 1338-45	3.5	33
60	The effect of hematocrit on bioanalysis of DBS: results from the EBF DBS-microsampling consortium. <i>Bioanalysis</i> , <b>2013</b> , 5, 2147-60	2.1	86
59	Microsample analyses via DBS: challenges and opportunities. <i>Bioanalysis</i> , <b>2013</b> , 5, 2547-65	2.1	48
58	New bioanalytical technologies and concepts: worth the effort?. <i>Bioanalysis</i> , <b>2013</b> , 5, 1975-8	2.1	2
57	Hemato-critical issues in quantitative analysis of dried blood spots: challenges and solutions. <i>Bioanalysis</i> , <b>2013</b> , 5, 2023-41	2.1	170
56	Dried blood spots: the future. <b>2013</b> , 48-66		3
55	Interpretation of microsampling data during drug development and regulatory considerations. <b>2013</b> , 120-133		1
54	. <b>2014</b> ,		23
53	Considerations in Development and Validation of LC-MS/MS Method for Quantitative Analysis of Small Molecules in Dried Blood Spot Samples. <b>2014</b> , 168-178		1
52	Pharmaceutical Perspectives of Use of Dried Blood Spots. <b>2014</b> , 151-159		1
51	Quantification of rifapentine, a potent antituberculosis drug, from dried blood spot samples using liquid chromatographic-tandem mass spectrometric analysis. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2014</b> , 58, 6747-57	5.9	13
50	Optimization in Drug Discovery. <i>Methods in Pharmacology and Toxicology</i> , <b>2014</b> ,	1.1	16
49	Automated high-capacity on-line extraction and bioanalysis of dried blood spot samples using liquid chromatography/high-resolution accurate mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2014</b> , 28, 2415-26	2.2	20
48	Interpatient distributions of bloodspot area per fixed volume of application: comparison between filter paper and non-cellulose dried matrix spotting cards. <i>Clinica Chimica Acta</i> , <b>2014</b> , 437, 187-90	6.2	3
47	Volumetric absorptive microsampling: a dried sample collection technique for quantitative bioanalysis. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 8489-95	7.8	235
46	Dried blood spots and their role in bioanalysis. <b>2015</b> , 194-208		
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43	A device for dried blood microsampling in quantitative bioanalysis: overcoming the issues associated blood hematocrit. <i>Bioanalysis</i> , <b>2015</b> , 7, 653-9	2.1	133
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41	Implementing dried blood spot sampling for clinical pharmacokinetic determinations: considerations from the IQ Consortium Microsampling Working Group. <i>AAPS Journal</i> , <b>2015</b> , 17, 292-300	3.7	43
40	Dried blood spot analysis for rat and dog studies: validation, hematocrit, toxicokinetics and incurred sample reanalysis. <i>Bioanalysis</i> , <b>2015</b> , 7, 869-83	2.1	10
39	Multiple Reaction Monitoring Enables Precise Quantification of 97 Proteins in Dried Blood Spots. <i>Molecular and Cellular Proteomics</i> , <b>2015</b> , 14, 3094-104	7.6	66
38	Potential missing steps for a wide use of dried matrix spots in biomedical analysis. <i>Bioanalysis</i> , <b>2015</b> , 7, 2375-2385	2.1	9
37	Novel membrane devices and their potential utility in blood sample collection prior to analysis of dried plasma spots. <i>Bioanalysis</i> , <b>2015</b> , 7, 1987-2002	2.1	30
36	Pharmacokinetic Study of Praziquantel Enantiomers and Its Main Metabolite R-trans-4-OH-PZQ in Plasma, Blood and Dried Blood Spots in <i>Opisthorchis viverrini</i> -Infected Patients. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0004700	4.8	12
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34	Automated DBS microsampling, microscale automation and microflow LC-MS for therapeutic protein PK. <i>Bioanalysis</i> , <b>2016</b> , 8, 649-59	2.1	9
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32	An Integrated Strategy for Implementation of Dried Blood Spots in Clinical Development Programs. <i>AAPS Journal</i> , <b>2016</b> , 18, 519-27	3.7	33
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26	Pre-analytic evaluation of volumetric absorptive microsampling and integration in a mass spectrometry-based metabolomics workflow. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 6263-6276	4.4	28
25	Extractability-mediated stability bias and hematocrit impact: High extraction recovery is critical to feasibility of volumetric adsorptive microsampling (VAMS) in regulated bioanalysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 156, 58-66	3.5	47
24	Incorporating dried blood spot LC-MS/MS analysis for clinical development of a novel oncolytic agent. <i>Bioanalysis</i> , <b>2018</b> , 10, 341-356	2.1	5
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22	Investigation of the effect of blood hematocrit and lipid content on the blood volume deposited by a disposable dried blood spot collection device. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 149, 419-424	3.5	24
21	Population PK Analyses of Ubrogepant (MK-1602), a CGRP Receptor Antagonist: Enriching In-Clinic Plasma PK Sampling With Outpatient Dried Blood Spot Sampling. <i>Journal of Clinical Pharmacology</i> , <b>2018</b> , 58, 294-303	2.9	24
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18	Leveraging Digital Health Technologies and Outpatient Sampling in Clinical Drug Development: A Phase I Exploratory Study. <i>Clinical Pharmacology and Therapeutics</i> , <b>2019</b> , 105, 168-176	6.1	11
17	Microsampling: considerations for its use in pharmaceutical drug discovery and development. <i>Bioanalysis</i> , <b>2019</b> , 11, 1015-1038	2.1	26
16	Validation of methods for determining pediatric midazolam using wet whole blood and volumetric absorptive microsampling. <i>Bioanalysis</i> , <b>2019</b> , 11, 1737-1754	2.1	10
15	Review of DBS methods as a quantitative tool for anticancer drugs. <i>Biomedical Chromatography</i> , <b>2019</b> , 33, e4445	1.7	11
14	Is the hematocrit still an issue in quantitative dried blood spot analysis?. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2019</b> , 163, 188-196	3.5	90
13	Using the PCI-IS Method to Simultaneously Estimate Blood Volume and Quantify Nonvitamin K Antagonist Oral Anticoagulant Concentrations in Dried Blood Spots. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 2511-2518	7.8	5
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11	Antibody Arrays. <i>Methods in Molecular Biology</i> , <b>2021</b> ,	1.4	
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