CITATION REPORT List of articles citing

The effect of hematocrit on bioanalysis of DBS: results from the EBF DBS-microsampling consortium

DOI: 10.4155/bio.13.170 Bioanalysis, 2013, 5, 2147-60.

Source: https://exaly.com/paper-pdf/55264191/citation-report.pdf

Version: 2024-04-23

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
101	In-depth study of homogeneity in DBS using two different techniques: results from the EBF DBS-microsampling consortium. <i>Bioanalysis</i> , 2013 , 5, 2161-9	2.1	44
100	IS addition in bioanalysis of DBS: results from the EBF DBS-microsampling consortium. <i>Bioanalysis</i> , 2013 , 5, 2137-45	2.1	23
99	The first 5 years of Bioanalysis: a story of growth and evolution. <i>Bioanalysis</i> , 2013 , 5, 2975-80	2.1	
98	Update of the EBF recommendation for the use of DBS in regulated bioanalysis integrating the conclusions from the EBF DBS-microsampling consortium. <i>Bioanalysis</i> , 2013 , 5, 2129-36	2.1	81
97	Advantages and challenges of microsampling. 2013 , 6-13		
96	. 2014,		23
95	Automated direct extraction and analysis of dried blood spots employing on-line SPE high-resolution accurate mass bioanalysis. <i>Bioanalysis</i> , 2014 , 6, 2027-41	2.1	23
94	The utility of dried blood spots for proteomic studies: looking forward to looking back. 2014 , 8, 896-900)	15
93	Pharmaceutical Perspectives of Use of Dried Blood Spots. 2014 , 151-159		1
92	EBF: reflection on bioanalytical assay requirements used to support liquid microsampling. <i>Bioanalysis</i> , 2014 , 6, 2581-6	2.1	13
91	Determination of tamoxifen and endoxifen in dried blood spots using LC-MS/MS and the effect of coated DBS cards on recovery and matrix effects. <i>Bioanalysis</i> , 2014 , 6, 2999-3009	2.1	23
90	Conference report: moving forward together: "we are making progress". <i>Bioanalysis</i> , 2014 , 6, 1159-65	2.1	1
89	European Bioanalysis Forum continued plans to support liquid microsampling. <i>Bioanalysis</i> , 2014 , 6, 1897	7 -2 9 0 0	9
88	Evaluation of matrix microsampling methods for therapeutic drug candidate quantification in discovery-stage rodent pharmacokinetic studies. <i>Bioanalysis</i> , 2014 , 6, 2135-46	2.1	8
87	Sensitive quantification of IGF-1 and its synthetic analogs in dried blood spots. <i>Bioanalysis</i> , 2014 , 6, 265	1 <u>2</u> 62	17
86	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
85	Current strategies for coping with the hematocrit problem in dried blood spot analysis. <i>Bioanalysis</i> , 2014 , 6, 1871-4	2.1	65

(2015-2014)

84	Performance and storage integrity of dried blood spots for PCB, BFR and pesticide measurements. 2014 , 494-495, 252-60		17
83	Interpatient distributions of bloodspot area per fixed volume of application: comparison between filter paper and non-cellulose dried matrix spotting cards. 2014 , 437, 187-90		3
82	Volumetric absorptive microsampling: a dried sample collection technique for quantitative bioanalysis. 2014 , 86, 8489-95		235
81	Fully-automated approach for online dried blood spot extraction and bioanalysis by two-dimensional-liquid chromatography coupled with high-resolution quadrupole time-of-flight mass spectrometry. 2014 , 86, 1246-53		36
80	Influence of Hematocrit and Total-Spot Volume on Performance Characteristics of Dried Blood Spots for Newborn Screening. 2015 , 1, 69-78		50
79	New microfluidic-based sampling procedure for overcoming the hematocrit problem associated with dried blood spot analysis. 2015 , 87, 2068-71		72
78	A device for dried blood microsampling in quantitative bioanalysis: overcoming the issues associated blood hematocrit. <i>Bioanalysis</i> , 2015 , 7, 653-9	2.1	133
77	AN ACCURATE CALIBRATION METHOD FOR THE MEASUREMENT OF ARTERIAL OXYGEN SATURATION USING PHOTOPLETHYSMOGRAPHY. 2015 , 15, 1550015		2
76	Does volumetric absorptive microsampling eliminate the hematocrit bias for caffeine and paraxanthine in dried blood samples? A comparative study. 2015 , 881, 65-73		96
75	Applying dried blood spot sampling with LCMS quantification in the clinical development phase of tasquinimod. <i>Bioanalysis</i> , 2015 , 7, 179-91	2.1	4
75 74		2.1	43
	Implementing dried blood spot sampling for clinical pharmacokinetic determinations:	2.1	
74	Implementing dried blood spot sampling for clinical pharmacokinetic determinations: considerations from the IQ Consortium Microsampling Working Group. 2015, 17, 292-300 Dried blood spot analysis for rat and dog studies: validation, hematocrit, Eoxicokinetics and	2.1	43
74 73	Implementing dried blood spot sampling for clinical pharmacokinetic determinations: considerations from the IQ Consortium Microsampling Working Group. 2015, 17, 292-300 Dried blood spot analysis for rat and dog studies: validation, hematocrit, toxicokinetics and incurred sample reanalysis. <i>Bioanalysis</i> , 2015, 7, 869-83 Investigation of different approaches to incorporating internal standard in DBS quantitative	2.1	43
74 73 72	Implementing dried blood spot sampling for clinical pharmacokinetic determinations: considerations from the IQ Consortium Microsampling Working Group. 2015, 17, 292-300 Dried blood spot analysis for rat and dog studies: validation, hematocrit, toxicokinetics and incurred sample reanalysis. <i>Bioanalysis</i> , 2015, 7, 869-83 Investigation of different approaches to incorporating internal standard in DBS quantitative bioanalytical workflows and their effect on nullifying hematocrit-based assay bias. 2015, 87, 4996-5003 Potential missing steps for a wide use of dried matrix spots in biomedical analysis. <i>Bioanalysis</i> , 2015	2.1	43 10 68
74 73 72 71	Implementing dried blood spot sampling for clinical pharmacokinetic determinations: considerations from the IQ Consortium Microsampling Working Group. 2015, 17, 292-300 Dried blood spot analysis for rat and dog studies: validation, hematocrit, Itoxicokinetics and incurred sample reanalysis. <i>Bioanalysis</i> , 2015, 7, 869-83 Investigation of different approaches to incorporating internal standard in DBS quantitative bioanalytical workflows and their effect on nullifying hematocrit-based assay bias. 2015, 87, 4996-5003 Potential missing steps for a wide use of dried matrix spots in biomedical analysis. <i>Bioanalysis</i> , 2015, 7, 2375-2385 Hematocrit-independent recovery is a key for bioanalysis using volumetric absorptive	2.1	43 10 68 9
74 73 72 71 70	Implementing dried blood spot sampling for clinical pharmacokinetic determinations: considerations from the IQ Consortium Microsampling Working Group. 2015, 17, 292-300 Dried blood spot analysis for rat and dog studies: validation, hematocrit, Itoxicokinetics and incurred sample reanalysis. <i>Bioanalysis</i> , 2015, 7, 869-83 Investigation of different approaches to incorporating internal standard in DBS quantitative bioanalytical workflows and their effect on nullifying hematocrit-based assay bias. 2015, 87, 4996-5003 Potential missing steps for a wide use of dried matrix spots in biomedical analysis. <i>Bioanalysis</i> , 2015, 7, 2375-2385 Hematocrit-independent recovery is a key for bioanalysis using volumetric absorptive microsampling devices, Mitral <i>Bioanalysis</i> , 2015, 7, 1821-9 Evaluation of two blood microsampling approaches for drug discovery PK studies in rats.	2.1 2.1	43 10 68 9 56

66	A disposable sampling device to collect volume-measured DBS directly from a fingerprick onto DBS paper. <i>Bioanalysis</i> , 2015 , 7, 2085-94	2.1	47
65	Hematocrit-independent recovery of immunosuppressants from DBS using heated flow-through desorption. <i>Bioanalysis</i> , 2015 , 7, 2019-29	2.1	18
64	Novel membrane devices and their potential utility in blood sample collection prior to analysis of dried plasma spots. <i>Bioanalysis</i> , 2015 , 7, 1987-2002	2.1	30
63	Dried blood spot analysis without dilution: Application to the LC-MS/MS determination of BMS-986001 in rat dried blood spot. 2015 , 1002, 201-9		3
62	Simultaneous determination of trimethoprim and sulfamethoxazole in dried plasma and urine spots. <i>Bioanalysis</i> , 2015 , 7, 1137-49	2.1	21
61	The use of mass spectrometry to analyze dried blood spots. 2016 , 35, 361-438		143
60	Clinical feasibility of dried blood spots: Analytics, validation, and applications. 2016 , 130, 231-243		79
59	Is there a role for microsampling in antibiotic pharmacokinetic studies?. 2016 , 12, 601-14		16
58	Dried blood spots analysis with mass spectrometry: Potentials and pitfalls in therapeutic drug monitoring. 2016 , 49, 1035-46		77
57	Effect of time on recovery of plasma microsamples for the quantitative determination of vancomycin. <i>Bioanalysis</i> , 2016 , 8, 2235-2242	2.1	25
56	Development of a novel noncapillary plasma microsampling device for ultra-low volume of blood collection. <i>Bioanalysis</i> , 2016 , 8, 871-80	2.1	3
55	DBS-LC-MS/MS assay for caffeine: validation and neonatal application. <i>Bioanalysis</i> , 2016 , 8, 1893-902	2.1	14
54	Recent developments in the chromatographic bioanalysis of approved kinase inhibitor drugs in oncology. 2016 , 130, 244-263		24
53	Fully automated determination of nicotine and its major metabolites in whole blood by means of a DBS online-SPE LC-HR-MS/MS approach for sports drug testing. 2016 , 123, 132-40		30
52	Evaluation of sample extraction methods for minimizing hematocrit effect on whole blood analysis with volumetric absorptive microsampling. <i>Bioanalysis</i> , 2017 , 9, 349-357	2.1	29
51	Clinical perspectives of dried blood spot protein quantification using mass spectrometry methods. 2017 , 54, 173-184		14
50	Quantitative LC-HRMS determination of selected cardiovascular drugs, in dried blood spots, as an indicator of adherence to medication. 2017 , 142, 232-243		14
49	The application of capillary microsampling in GLP toxicology studies. <i>Bioanalysis</i> , 2017 , 9, 531-540	2.1	17

(2020-2017)

48	LC-MS determination of triazolam and its hydroxy metabolites in mouse dried blood spots: application to transgenic mouse pharmacokinetic studies. <i>Bioanalysis</i> , 2017 , 9, 987-1000	2.1	6
47	Volumetric absorptive microsampling combined with impact-assisted extraction for hematocrit effect free assays. <i>Bioanalysis</i> , 2017 , 9, 1761-1769	2.1	10
46	Evaluation of fibronectin 1 in one dried blood spot and in urine after rhGH treatment. 2017, 9, 1011-10	16	12
45	Clinical validation study of dried blood spot for determining everolimus concentration in patients with cancer. 2018 , 74, 465-471		12
44	Identification of potential sphingomyelin markers for the estimation of hematocrit in dried blood spots via a lipidomic strategy. 2018 , 1003, 34-41		12
43	Extractability-mediated stability bias and hematocrit impact: High extraction recovery is critical to feasibility of volumetric adsorptive microsampling (VAMS) in regulated bioanalysis. 2018 , 156, 58-66		47
42	Quantitation of salbutamol using micro-volume blood sampling - applications to exacerbations of pediatric asthma. 2018 , 55, 1205-1213		6
41	Investigation of the effect of blood hematocrit and lipid content on the blood volume deposited by a disposable dried blood spot collection device. 2018 , 149, 419-424		24
40	Volumetric absorptive microsampling (VAMS) coupled with high-resolution, accurate-mass (HRAM) mass spectrometry as a simplified alternative to dried blood spot (DBS) analysis for therapeutic drug monitoring of cardiovascular drugs. 2018 , 10, 1-8		11
39	Novel and rapid LC-MS/MS method for quantitative analysis of methylphenidate in dried blood spots. <i>Bioanalysis</i> , 2018 , 10, 839-850	2.1	9
38	Microsampling: considerations for its use in pharmaceutical drug discovery and development. <i>Bioanalysis</i> , 2019 , 11, 1015-1038	2.1	26
37	Feedback from the Fifth European Bioanalysis Forum Young Scientist Symposium. <i>Bioanalysis</i> , 2019 , 11, 1453-1458	2.1	3
36	Analysis of the Heterogeneous Distribution of Amiloride and Propranolol in Dried Blood Spot by UHPLC-FLD and MALDI-IMS. 2019 , 24,		2
35	Validation of methods for determining pediatric midazolam using wet whole blood and volumetric absorptive microsampling. <i>Bioanalysis</i> , 2019 , 11, 1737-1754	2.1	10
34	Comparison of toxicokinetic parameters of a drug and two metabolites following traditional and capillary microsampling in rat. <i>Bioanalysis</i> , 2019 , 11, 1233-1242	2.1	4
33	Identification of the factors affecting the consistency of DBS formation via experimental design and image processing methodology. 2019 , 145, 1003-1010		3
32	Capillary Electrophoresis with Capacitively Coupled Contactless Conductivity Detection for Quantitative Analysis of Dried Blood Spots with Unknown Blood Volume. 2020 , 92, 1557-1564		11
31	Value of Glucosylsphingosine (Lyso-Gb1) as a Biomarker in Gaucher Disease: A Systematic Literature Review. 2020 , 21,		19

30	Quantitative microsampling for bioanalytical applications related to the SARS-CoV-2 pandemic: Usefulness, benefits and pitfalls. 2020 , 191, 113597		10
29	Capillary microsampling in clinical studies: opportunities and challenges in two case studies. <i>Bioanalysis</i> , 2020 , 12, 905-918	.1	
28	Use of capillary dried blood for quantification of intact IGF-I by LC-HRMS for antidoping analysis. <i>Bioanalysis</i> , 2020 , 12, 737-752	.1	9
27	Fluispotter, a novel automated and wearable device for accurate volume serial dried blood spot sampling. <i>Bioanalysis</i> , 2020 , 12, 665-681	.1	3
26	A novel functional C1 inhibitor activity assay in dried blood spot for diagnosis of Hereditary angioedema. 2020 , 504, 155-162		6
25	Opportunities and obstacles for microsampling techniques in bioanalysis: Special focus on DBS and VAMS. 2020 , 182, 113102		23
24	Dried Blood Spot Self-Sampling with Automated Capillary Electrophoresis Processing for Clinical Analysis. 2021 , 133, 6133-6140		О
23	Dried Blood Spot Self-Sampling with Automated Capillary Electrophoresis Processing for Clinical Analysis. 2021 , 60, 6068-6075		O
22	Determination of Cu in blood via direct analysis of dried blood spots using high-resolution continuum source graphite furnace atomic absorption spectrometry. 2021 , 36, 1666-1677		4
21	An integrated self-powered 3D printed sample concentrator for highly sensitive molecular detection of HIV in whole blood at the point of care. 2021 , 146, 3234-3241		1
20	Volumetric absorptive microsampling (VAMSII) in therapeutic protein quantification by LC-MS/MS: Investigation of anticoagulant impact on assay performance and recommendations for best practices in method development. 2021 , 196, 113895		2
19	Solutions for hematocrit bias in dried blood spot hormone analysis. <i>Bioanalysis</i> , 2021 , 2.	.1	2
18	Toward proteome-wide exploration of proteins in dried blood spots using liquid chromatography-coupled mass spectrometry. 2021 , e2100019		1
17	Volumetric absorptive microsampling: its use in COVID-19 research and testing. <i>Bioanalysis</i> , 2021 , 13, 1851-1863	.1	1
16	Factors Associated With Edoxaban Concentration Among Patients With Atrial Fibrillation. 2021 , 12, 73682	26	
15	Hematocrit and standardization in DBS analysis: A practical approach for hormones mainly present in the plasma fraction. 2021 , 520, 179-185		2
14	Giving patients choices: AstraZeneca\$ evolving approach to patient-centric sampling. <i>Bioanalysis</i> , 2020 , 12, 957-970	.1	3
13	Validation and Clinical Application of a Liquid Chromatography-Ultraviolet Detection Method to Quantify Dolutegravir in Dried Blood Spots. 2021 ,		

CITATION REPORT

12	A new dried blood spot LC-MS/MS method for therapeutic drug monitoring of palbociclib, ribociclib, and letrozole in patients with cancer. 2021 , 1185, 122985	2
11	Automated Sequential Injection-Capillary Electrophoresis for Dried Blood Spot Analysis: A Proof-of-Concept Study 2022 ,	2
10	Therapeutic Drug Monitoring of Tyrosine Kinase Inhibitors Using Dried Blood Microsamples 2022 , 12, 821807	1
9	Analytical and clinical validation of Dried blood spot and Volumetric Absorptive Microsampling for measurement of tacrolimus and creatinine after renal transplantation 2022 ,	O
8	Clinical sensitivity and specificity of a high-throughput microfluidic nano-immunoassay combined with capillary blood microsampling for the identification of anti-SARS-CoV-2 Spike IgG serostatus.	
7	The Clinical Validation Of A Dried Blood Spot Method For Simultaneous Measurement Of Cyclosporine A, Tacrolimus, Creatinine, And Hematocrit. 2022 ,	O
6	Effects of spot size on biomarker levels of field-collected dried blood spots: A new algorithm for exact dried blood spot size measurement.	
5	Fully soluble polymeric foams for in-vial dried blood spot collection and analysis of acidic drugs by capillary electrophoresis. 2023 , 1241, 340793	O
4	Analytical and clinical validation of an LC-MS/MS method for carbamazepine, lamotrigine and levetiracetam in dried blood spots. ejhpharm-2022-003589	O
3	In-vial dried urine spot collection and processing for quantitative analyses. 2023 , 1254, 341071	O
2	Microneedle Patch for Painless Intradermal Collection of Interstitial Fluid Enabling Multianalyte Measurement of Small Molecules, SARS-CoV-2[Antibodies, and Protein Profiling. 2202564	O
1	Clinical sensitivity and specificity of a high-throughput microfluidic nano-immunoassay combined with capillary blood microsampling for the identification of anti-SARS-CoV-2 Spike IgG serostatus. 2023 , 18, e0283149	O