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Performance verification of the new fully automated Aquios flow cytometer PanLeucogate (PLG) platform for CD4-T-lymphocyte enumeration in South Africa

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#	Paper	IF	Citations
18	Performance verification of the new fully automated Aquios flow cytometer PanLeucogate (PLG) platform for CD4-T-lymphocyte enumeration in South Africa. <i>PLoS ONE</i> , 2017 , 12, e0187456	3.7	14
17	CD4 cell count variability with repeat testing in South Africa: Should reporting include both absolute counts and ranges of plausible values?. <i>International Journal of STD and AIDS</i> , 2018 , 29, 1048-1056	1.4	4
16	Automated flow cytometry enables high performance point-of-care analysis of leukocyte phenotypes. <i>Journal of Immunological Methods</i> , 2019 , 474, 112646	2.5	16
15	Neutrophil heterogeneity and its role in infectious complications after severe trauma. <i>World Journal of Emergency Surgery</i> , 2019 , 14, 24	9.2	24
14	A flow-through cell counting assay for point-of-care enumeration of CD4 T-cells. <i>Journal of Virological Methods</i> , 2019 , 271, 113672	2.6	5
13	Categorizing and Establishing CD4 Service Equivalency: Testing of Residual, Archived External Quality Assessment Scheme Sample Panels Enables Accelerated Virtual Peer Laboratory Review. <i>Cytometry Part B - Clinical Cytometry</i> , 2019 , 96, 404-416	3.4	4
12	Age, absolute CD4 count, and CD4 percentage in relation to HPV infection and the stage of cervical disease in HIV-1-positive women. <i>Medicine (United States)</i> , 2020 , 99, e19273	1.8	5
11	Time of HIV diagnosis, CD4 count and viral load at antenatal care start and delivery in South Africa. <i>PLoS ONE</i> , 2020 , 15, e0229111	3.7	1
10	Unsupervised flow cytometry analysis in hematological malignancies: A new paradigm. <i>International Journal of Laboratory Hematology</i> , 2021 , 43 Suppl 1, 54-64	2.5	1
9	New automated analysis to monitor neutrophil function point-of-care in the intensive care unit after trauma. <i>Intensive Care Medicine Experimental</i> , 2020 , 8, 12	3.7	6
8	Evaluation and validation of a novel 10-color flow cytometer. <i>Journal of Clinical Laboratory Analysis</i> , 2021 , 35, e23834	3	
7	Assessment of the AQUIOS flow cytometer - An automated sample preparation system for CD4 lymphocyte PanLeucogating enumeration. <i>African Journal of Laboratory Medicine</i> , 2019 , 8, 804	0.9	0
6	Preclinical Assessment of a Cartridge-Based Flow-Through Assay for Determination of Adult CD4 T-Cell Count. <i>Open AIDS Journal</i> , 2020 , 14, 50-60	0.6	
5	Categorising specimen referral delays for CD4 testing: How inter-laboratory distances and travel times impact turn-around time across a national laboratory service in South Africa. <i>African Journal of Laboratory Medicine</i> , 2020 , 9, 1120	0.9	
4	Cross-sectional reassessment after 4 years of clinical routine use of AQUIOS CL for absolute T cell quantitation in a university hospital.. <i>Cytometry Part B - Clinical Cytometry</i> , 2022 ,	3.4	
3	Newly implemented community CD4 service in Tshwaragano, Northern Cape province, South Africa, positively impacts result turn-around time. <i>African Journal of Laboratory Medicine</i> , 2022 , 11,	0.9	
2	Evaluation of fixed-panel, multicolour ClearLLab 10C at an academic flow cytometry laboratory in Johannesburg, South Africa. <i>African Journal of Laboratory Medicine</i> , 2022 , 11,	0.9	0

- 1 Commercial DURAClone panels for extending the repertoire of multicolour immunophenotypic panels in an academic flow cytometry laboratory in South Africa. **2022**, 11,

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