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Laboratory guidelines for enumerating CD4 T lymphocytes in the context of HIV/AIDS



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Laboratory guidelines for enumerating CD4 T lymphocytes in the context of HIV/AIDS

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Acronyms and abbreviations

AIDS	acquired immunodeficiency syndrome
ART	antiretroviral therapy
ARV	antiretroviral
CD	cluster of differentiation
CD4	T-lymphocyte CD4+
CV	Coefficient of variation
EDTA	ethylenediamine tetra-acetate
FBC	full blood count
FSC	forward scatter
FITC	fluorescein Isothiocyanate
FCM	flow cytometer
FACSCount	fluorescent activated cell sorter count
FDA	Food and Drug Administration
HIV	human immunodeficiency virus
IATA	International Air Transport Association
TLC	total lymphocyte count
UN	United Nations
UNAIDS	Joint United Nations Programme on HIV/AIDS
UPS	uninterrupted power supply
VCTC	Voluntary Counseling and Testing Centre
WBC	white blood cells
WHO	World Health Organization
EQAS	External Quality Assessment Scheme
IQAS	Internal Quality Assessment Scheme
GLP	good laboratory practice
nm	nanometer



μl	microliter
PE	phycoerythrin
PLG	panLeucogating
QA	quality assurance
QC	quality control
OIs	opportunistic infections
SOP	standard operating procedures
SSC	side scatter
SEA	South-East Asia
SEARO	Regional Office for South-East Asia
PEP	post-exposure prophylaxis
US/USA	the United States of America

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