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Field-deployable immunodiagnosics for poverty-associated infectious diseases: development and use cases in public health

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List of abbreviations

ApoA1	Apolipoprotein A1
AUC	Area under the curve
BCG	Bacillus Calmette-Guérin
BI	Bacteriological index
BU	Buruli ulcer
COVID-19	Coronavirus disease 2019
CRP	C-reactive protein
EC	Endemic control
ELISA	Enzyme-linked immunosorbent assay
FC line	Flow control line
FSB	Fingerstick blood
IgG	Immunoglobulin G
IgM	Immunoglobulin M
IL-6	Interleukin 6
IP-10	Interferon gamma-induced protein 10
<i>L. donovani</i>	<i>Leishmania donovani</i>
LFA	Lateral flow assay
LMIC	Low- and middle-income country
LTBI	Latent tuberculosis infection
MB	Multibacillary
MDT	Multidrug therapy
<i>M. leprae</i>	<i>Mycobacterium leprae</i>
<i>M. lepromatosis</i>	<i>Mycobacterium lepromatosis</i>
<i>Mtb</i>	<i>Mycobacterium tuberculosis</i>
NCDR	New case detection rate
ND-O-HSA	Natural disaccharide-octyl human serum albumin
NEC	Non-endemic control
NPT-H-BSA	Phenolic trisaccharide functionalized with a hexanoic acid linker for conjugation to BSA
NTD	Neglected tropical disease
NTM	Non-tuberculous mycobacteria
PB	Paucibacillary
PEOPLE	Post-ExpOsure Prophylaxis for LEprosy
PEP	Post-exposure prophylaxis
PGL-I	Phenolic glycolipid-I
PKDL	Post-kala-azar dermal leishmaniasis
POC	Point-of-care/point-of-contact
QURapid	Quantitative UCP-based rapid test
R	Ratio
ROC	Receiver operating characteristic
SAA	Serum amyloid A
SARS-CoV-2	Severe acute respiratory syndrome coronavirus 2
S(D)DR	Single (double) dose rifampicin
SES	Socioeconomic status
Sn/Sp	Sensitivity/specificity
SSS	Slit-skin smears
STH	Soil-transmitted helminths
S100A12	S100 calcium-binding protein A12
TB	Tuberculosis
Th1	T-helper 1
Th2	T-helper 2
T line	Test line
TPP	Target product profile
UCP	Up-converting phosphor
VL	Visceral leishmaniasis
WBA	Whole blood assay
WCS	Whole cell sonicate
WHO	World Health Organization