

TABLE I  
Search strategies in bibliographic databases

DB	Search strategy	N	Date
PUBMED	((((((("Leprosy"[Mesh] OR "Leprosies" OR "Hansen Disease" OR "Disease, Hansen" OR "Hansen's Disease" OR "Disease, Hansen's" OR "Hansens Disease")) AND ("Early Diagnosis"[Mesh] OR "Diagnosis, Early" OR "Early Detection of Disease" OR "Disease Early Detection" OR "Point-of-Care Testing"[Mesh] OR "Point-of-Care Testings" OR "Testing, Point-of-Care" OR "Testings, Point-of-Care" OR "Point of Care Testing" OR "Bedside Testing" OR "Bedside Testings" OR "Testing, Bedside" OR "Rapid test" OR "Screening" OR "Serologic Tests"[Mesh] OR "Serological Tests" OR "Serological Test" OR "Test, Serological" OR "Tests, Serological" OR "Tests, Serologic" OR "Serologic Test" OR "Test, Serologic" OR "Serodiagnosis" OR "Serodiagnoses"))) AND ("Sensitivity and Specificity"[Mesh] OR "Specificity and Sensitivity" OR "Sensitivity" OR "Specificity" ))) NOT Tuberculosis) NOT Leishmaniasis) NOT Diabetes	228	04/19/21
EMBASE	('leprosy'/mj OR 'mycobacterium leprae infection' OR 'hansen disease' OR 'hanseniasis' OR 'lepra' OR 'leprology' OR 'leprosis' OR 'leprosy') NOT ('tuberculosis'/exp OR 'mycobacterium tuberculosis infection' OR 'active tuberculosis' OR 'chronic tuberculosis' OR 'minimal tuberculosis' OR 'minimum tuberculosis' OR 'tuberculosis' OR 'tuberculosis, cardiovascular' OR 'tuberculosis, endocrine' OR 'tuberculous infection' OR 'tuberculous lesion') NOT 'leishmaniasis'/exp AND ('diagnostic test'/mj OR 'diagnostic test' OR 'diagnostic tests, routine' OR 'test, diagnostic' OR 'early diagnosis'/mj OR 'diagnosis, early' OR 'early diagnosis' OR 'point of care testing'/mj OR 'bedside testing' OR 'point of care testing' OR 'point-of-care testing' OR 'serology'/mj OR 'serologic test' OR 'serologic tests' OR 'serological test' OR 'serology') AND ('sensitivity and specificity'/mj OR 'sensitivity and specificity' OR 'specificity and sensitivity' OR 'accuracy'/mj OR 'accuracy' OR 'precision')	196	04/19/21
BVS	(tw:((leprosy) OR (lepra) OR (hanseniae) OR (doença de hansen) OR (mycobacterium leprae) OR (bacilo de hansen) OR (bacilo da hanseniae))) AND (tw:((diagnosis) OR (diagnóstico) OR (triagem) OR (rastreamento) OR (uso diagnóstico) OR (serologic tests) OR (pruebas serológicas) OR (testes sorológicos) OR (testagem sorológica) OR (diagnóstico sorológico) OR (sorodiagnóstico) OR (early diagnosis) OR (diagnóstico precoz) OR (diagnóstico precoce) OR (point-of-care testing) OR (pruebas en el punto de atención) OR (testes imediatos) OR (testes junto ao leito) OR (testes à beira do leito) OR (diagnóstico junto ao leito) OR (diagnóstico à beira do leito) OR (diagnósticos de cabeceira) OR (diagnósticos junto ao leito) OR (diagnósticos à beira do leito) OR (exames de cabeceira) OR (teste junto ao leito) OR (teste à beira do leito) OR (testes de cabeceira) OR (análises clínicas ambulatoriais) OR (análises clínicas no ambulatório) OR (análises diagnósticas no consultório) OR (análises do paciente no consultório) OR (diagnóstico no local de atendimento) OR (diagnósticos ambulatoriais) OR (diagnósticos no ambulatório) OR (diagnósticos no local de atendimento) OR (exames imediatos) OR (teste point-of-care) OR (teste no consultório) OR (teste no local de atendimento) OR (testes diagnósticos no consultório) OR (testes no consultório) OR (testes no local da intervenção) OR (testes no local de atendimento))) AND (tw:((sensitivity AND specificity) OR (sensibilidad y especificidad) OR (sensibilidade e especificidade) OR (especificidade) OR (verdadeiros positivos) OR (verdadeiros negativos))) AND NOT (tw:(tuberculosis)) AND NOT (tw:(leishmania)) AND NOT (tw:(diabetes))	426	04/19/21
LILACS	Search (in Spanish): (lepra OR hansen) AND (diagnóstico OR test OR serolog OR sorolog) AND (sensibilidad OR especificidad) AND (db:("LILACS"))	41	04/19/21
COCHRANE	#1	MeSH descriptor: [Leprosy] explode all trees	293
	#2	MeSH descriptor: [Immunologic Tests] explode all trees	5204
	#3	MeSH descriptor: [Sensitivity and Specificity] explode all trees	15503
	#4	#1 and #2 and #3	2

TABLE II  
List of excluded studies and reasons of exclusion

Ref	Title	Year	Journal	Author	Exclusion reasons
1	[Sensitivity and specificity of fluorescent leprosy antibody absorption (FLA-ABS) test for detecting subclinical infection by <i>Mycobacterium leprae</i> ].	1984	Zhonghua Yi Xue Za Zhi	Ji et al.	Not POC. Not reliable diagnostic test for early leprosy.
2	[The detection of IgM antibodies to phenolglycolipid I for serodiagnosis of Hansen's disease and monitoring the contact population in Polynesia. Five year evaluation].	1990	Bulletin de la Societe de pathologie exotique	Chanteau et al.	Not POC. Laboratory-based
3	A study on performance of two serological assays for diagnosis of leprosy patients.	1995	Lepr Rev	Parkash et al.	Not accuracy study (Concordance between tests)
4	A study on the reproducibility of two serological assays for detection of <i>Mycobacterium leprae</i> infection [6]	2001	International Journal of Leprosy and Other Mycobacterial Diseases	Parkash	Not accuracy study. Intra-assay and inter-assay variability
5	Anti-PGL-I Positivity as a Risk Marker for the Development of Leprosy among Contacts of Leprosy Cases: Systematic Review and Meta-analysis	2016	PLoS Neglected Tropical Diseases	Penna et al.	SR not primary data
6	Application of <i>Mycobacterium leprae</i> -specific cellular and serological tests for the differential diagnosis of leprosy from confounding dermatoses	2016	Diagnostic Microbiology and Infectious Disease	Freitas et al.	Not POC. Laboratory-based
7	Association of mycobacterial-specific and <i>Mycobacterium leprae</i> specific antibody levels with clinical activity in tuberculoïd leprosy: a comparative study of three serological enzyme-immunoassays.	1991	Leprosy review	Chaturvedi et al.	Not accuracy study (Concordance between tests)
8	Comparative assessment of the leprosy antibody absorption test, <i>Mycobacterium leprae</i> extract enzyme-linked immunosorbent assay, and gelatin particle agglutination test for serodiagnosis of lepromatous leprosy	1993	J Clin Microbiol	Escarob-Gutierrez et al.	Not POC. Not accuracy study (Concordance between tests)
9	Comparing the sensitivity of auramine-rhodamine fluorescence to polymerase chain reaction in the detection of <i>Mycobacterium leprae</i> in Fite-negative tissue sections	2017	Journal of the American Academy of Dermatology	Elston et al.	Publication type - research letter
10	Comparison between anti-PGL-I serology and Mitsuda reaction, clinical reading, microscopic findings and immunohistochemical analysis.	2003	Leprosy review	Maeda et al.	Different intervention - Lepromin test
11	Comparison between microsatellites and M1/MnH gene as targets to identify <i>Mycobacterium leprae</i> by PCR in leprosy.	2011	An Bras Dermatol	Cruz et al.	Not POC. Laboratory-based
12	Comparison of three immunological tests for leprosy diagnosis and detection of subclinical infection	2011	Leprosy Review	Lobato et al.	Not accuracy study (Concordance between tests)
13	Comparison of two different PCR amplification products (the 18-kDa protein gene vs. RLEP repetitive sequence) in the diagnosis of <i>Mycobacterium leprae</i>	2003	Clinical and Experimental Dermatology	Kang et al.	Not POC. Laboratory-based
14	Detection and quantification of <i>Mycobacterium leprae</i> in tissue samples by real-time PCR	2004	Med Microbiol Immunol	Kramme et al.	Not POC. Laboratory-based
15	Detection of <i>Mycobacterium leprae</i> infection employing a combinatorial approach of anti-45 kDa and modified anti-PGL-I antibody detection assays.	2007	J Med Microbiol	Parkash et al.	Not POC. Laboratory-based / Publication type - research letter
16	Diagnostic value of in situ polymerase chain reaction in leprosy	2005	Indian Journal of Pediatrics	Dayal et al.	Not POC. Not accuracy study (Concordance between tests)
17	Early revelation of leprosy in china by sequential antibody analyses with LID-1 and PGL-I	2013	Journal of Tropical Medicine	Qiong-Hua et al.	Not accuracy study (Concordance between tests)
18	ELISA-based assay of immunoglobulin G antibodies against mammalian cell entry 1A (Mc1A) protein: a novel diagnostic approach for leprosy.	2017	Men Inst Oswaldo Cruz	Lima et al.	Not accuracy study (Concordance between tests)
19	Estudo da sensibilidade e especificidade do teste Elisa anti PGL-I no Estado de São Paulo TT - Sensibility study and specificity of ELISA test anti PGL-I at São Paulo State	1997	Hansenol Int	Brasil et al.	Not POC. Laboratory-based
20	Evaluation of fluorescent staining for diagnosis of leprosy and its impact on grading of the disease: Comparison with conventional staining	2016	Journal of Clinical and Diagnostic Research	Adiga et al.	Not POC. Not accuracy study (Concordance between tests)



21	Evaluation of gelatin particle agglutination assay for the detection of anti-PGL-I antibodies. Comparison with ELISA method and applicability on a large scale study using blood collected on filter paper.	1991	Lepr Rev	Chanteau et al.	Not POC. Not accuracy study (Concordance between testes)
22	Evaluation of major membrane protein-I as a serodiagnostic tool of pauci-bacillary leprosy	2014	Diagnostic Microbiology and Infectious Disease	Tsukamoto et al.	Not POC. Not accuracy study (Concordance between testes)
23	Evaluation of major membrane protein-II as a tool for serodiagnosis of leprosy.	2007	FEMS Microbiol Lett	Maeda et al.	Not accuracy study (Concordance between testes) Kappa
24	Evaluation of MLP-A test for the serodiagnosis of leprosy.	1992	Int J Lepr Other Mycobact Dis	Dhandayuthapani et al.	Not POC. Not accuracy study (Concordance between testes)
25	Evaluation of modified lepro-agglutination as screening test for leprosy.	1994	Indian journal of leprosy	Thawani et al.	Not POC. Not accuracy study (Concordance between testes)
26	Evaluation of <i>Mycobacterium leprae</i> particle agglutination test, using eluates of filter paper blood spots.	1992	Lepr Rev	Sekar and Anandan	Not POC. Not accuracy study (Concordance between testes)
27	Evaluation of Polymerase Chain Reaction (PCR) with Slit Skin Smear Examination (SSS) to Confirm Clinical Diagnosis of Leprosy in Eastern Nepal.	2016	PLoS Neglected Tropical Diseases	Siwakoti et al.	Accuracy, not POC
28	Evaluation of qPCR-Based assays for leprosy diagnosis directly in clinical specimens	2011	PLoS Neglected Tropical Diseases	Martinez et al.	Accuracy, not POC
29	FTA card utility for PCR detection of <i>Mycobacterium leprae</i>	2011	Japanese Journal of Infectious Diseases	Aye et al.	Not POC. Laboratory-based
30	Identifying Leprosy and Those at Risk of Developing Leprosy by Detection of Antibodies against LID-1 and LID-NDO	2016	PLoS Neglected Tropical Diseases	Amorim et al.	Not POC. Laboratory-based
31	Immunoglobulin class specific antibodies to <i>M. leprae</i> in leprosy patients, including the indeterminate group and healthy contacts as a step in the development of methods for sero-diagnosis of leprosy.	1982	Clin Exp Immunol	Melson et al.	Not accuracy study
32	Leprosy reactions: The predictive value of <i>Mycobacterium leprae</i> -specific serology evaluated in a Brazilian cohort of leprosy patients (U-MDT/CT-BR)	2017	PLoS Neglected Tropical Diseases	Hungria et al.	Different population (leprosy reactions)
33	Leprosy serology (ML Flow test) in borderline leprosy patients classified as paucibacillary by counting cutaneous lesions: A useful tool	2008	Revista da Sociedade Brasileira de Medicina Tropical	Barreto et al.	Validation/Accuracy. Only for sensitivity
34	Low predictive value of PGL-I serology for the early diagnosis of leprosy in family contacts: Results of a 10-year prospective field study in French polynesia	1993	International Journal of Leprosy	Chanteau et al.	Not POC. Laboratory-based
35	Microtiter particle agglutination test for diagnosis of leprosy.	1992	Int J Lepr Other Mycobact Dis	Dyachina et al.	Not POC. Laboratory-based
36	Multiplex PCR technique could be an alternative approach for early detection of leprosy among close contacts - a pilot study from India	2009	BMC Infectious Diseases	Banerjee et al.	Not POC. Laboratory-based
37	Nasal PCR assay for the detection of <i>Mycobacterium leprae</i> prA gene to study subclinical infection in a community.	2017	Microb Pathog	Arunagiri et al.	Not POC. Laboratory-based
38	Novel gelatin particle agglutination test for serodiagnosis of leprosy in the field.	1990	J Clin Microbiol	Izumi et al.	Not accuracy study (Concordance between testes)
39	Performance of recombinant ESAT-6 antigen (ML0049) for detection of leprosy patients.	2007	Letters in Applied Microbiology	Parkash et al.	Not POC. Not accuracy study (Concordance between testes)
40	Rapid identification of <i>Mycobacterium leprae</i> by polymerase chain reaction-restriction fragment length polymorphism analysis of the heat shock protein 65 gene from skin specimens	2015	Chinese Medical Journal	Zhao et al.	Not accuracy study
41	Reverse transcription-PCR detection of <i>Mycobacterium leprae</i> in clinical specimens	1998	J Clin Microbiol	Kurabawew et al.	Not POC. Laboratory-based



42	Semi-quantitative detection of <i>Mycobacterium leprae</i> antigens in skin scrapings: suitability as a laboratory aid for field diagnosis of leprosy	2007	Transactions of the Royal Society of Tropical Medicine and Hygiene	Chaturvedi et al.	Not POC. Laboratory-based
43	Serological diagnosis of leprosy in patients in vietnam by enzyme-linked immunosorbent assay with <i>Mycobacterium leprae</i> -derived major membrane protein II.	2008	Clin Vaccine Immunol	Kai et al.	Not POC. Laboratory-based
44	Serological heterogeneity against various <i>Mycobacterium leprae</i> antigens and its use in serodiagnosis of leprosy patients [5]	2007	Journal of Medical Microbiology	Parkash et al.	Not POC. Not accuracy study (Concordance between tests)
45	Serological tests in leprosy. The sensitivity, specificity and predictive value of ELISA tests based on phenolic glycolipid antigens, and the implications for their use in epidemiological studies.	1988	Epidemiol Infect	Burgess et al.	Not POC. Laboratory-based
46	Serum IgA1 and IgM antibodies against <i>Mycobacterium leprae</i> -derived phenolic glycolipid-I: a comparative study in leprosy patients and their contacts.	1991	International journal of leprosy and other mycobacterial diseases	Chujor et al.	Not POC. Laboratory-based
47	Specific serological diagnosis of leprosy with a recombinant <i>Mycobacterium leprae</i> protein purified from a rapidly growing mycobacterial host.	1998	J Clin Microbiol	Triccas et al.	Not POC. Laboratory-based
48	The additional benefit of the ML Flow test to classify leprosy patients.	2009	Acta Tropica	Bührer-Sekula et al.	Different clinical outcome: Classification of leprosy patients
49	The ML flow test as a point of care test for leprosy control programmes: potential effects on classification of leprosy patients.	2007	Lepr Rev	Bührer-Sekula et al.	Different clinical outcome: Classification of leprosy patients
50	The result patterns of ML Flow and ELISA (PGL-1) serologic tests in leprosy-endemic and non-endemic areas.	2008	Revista da Sociedade Brasileira de Medicina Tropical	da Silva et al.	Not accuracy study (Concordance between tests)
51	The use of whole blood in a dipstick assay for detection of antibodies to <i>Mycobacterium leprae</i> : a field evaluation.	1998	FEMS Immunol Med Microbiol	Bührer-Sekula et al.	Not accuracy study Kappa
52	UltramicroELISA para la detección de anticuerpos IgM al <i>Mycobacterium leprae</i> utilizando muestras de sangre seca. TT - [Ultramicro ELISA to the detection of IgM antibodies in <i>Mycobacterium leprae</i> using dry blood samples].	1994	Rev Inst Med Trop São Paulo	Torrella et al.	Not POC test. Not accuracy study (Concordance between tests)
53	Use of PCR-mediated amplification of <i>Mycobacterium leprae</i> DNA in different types of clinical samples for the diagnosis of leprosy	1993	J Med Microbiol	Santos et al.	Not POC. Laboratory-based
54	Use of the ML-Flow test as a tool in classifying and treating leprosy	2011	An Bras Dermatol	Contin et al.	Not accuracy study (Concordance between tests)
55	Utility of immunoglobulin isotypes against LID-1 and NDO-LID for, particularly IgG1, confirming the diagnosis of multibacillary leprosy.	2018	Mem Inst Oswaldo Cruz	Marçal et al.	Not POC. Laboratory-based
56	Utility of recombinant proteins LID-1 and PADL in screening for <i>Mycobacterium leprae</i> infection and leprosy	2014	Transactions of The Royal Society of Tropical Medicine and Hygiene	de Souza et al.	Not POC. Laboratory-based
57	Utility of serodiagnostic tests for leprosy: A study in an endemic population in South India	2004	Leprosy Review	Sinha et al.	Not POC. Laboratory-based
58	Comparison of synthetic antigens for detecting antibodies to phenolic glycolipid I in patients with leprosy and their household contacts	1988	J Infect Dis	Chanteau et al.	Not POC. Laboratory-based
59	Active search for leprosy cases in Midwestern Brazil: a serological evaluation of asymptomatic household contacts before and after prophylaxis with Bacillus Calmette-Guérin	2013	Rev. Inst. Med. Trop. São Paulo	Limeira et al.	Not POC. Laboratory-based
60	Development of a quantitative rapid diagnostic test for multibacillary leprosy using smart phone technology	2013	BMC Infectious Diseases	Cardoso et al.	Study Phase II – Development of test
61	Early detection of M. leprae by qPCR in untreated patients and their contacts: results for nasal swab and palate mucosa scraping	2018	European journal of clinical microbiology & infectious diseases	Carvalho et al.	Not POC. Laboratory-based
62	Predictive value of gelatin particle agglutination test (GPAT) in leprosy detection	2018	Indian J. Lepr.	Khang et al.	Not POC. Laboratory-based



63	Application of new host biomarker profiles in quantitative point-of-care tests facilitates leprosy diagnosis in the field.	2019	EBioMedicine	van Hooij et al.	Study Phase II – Development of test
64	A novel integrated molecular and serological analysis method to predict new cases of leprosy amongst household contacts.	2019	PLoS neglected tropical diseases	Gama et al.	Not POC, Laboratory-based
65	Immunoglobulin AMG anti natural disaccharide octyl - Leprosy IDRI diagnostic (NDO-LID) serologic test for leprosy diagnosis: A pilot study	2019	Dermatol Rep.	Rumondor et al.	Not POC, Laboratory-based
66	Quantitative polymerase chain reaction in paucibacillary leprosy diagnosis: A follow-up study.	2019	PLoS Negl Trop Dis	Barbieri et al.	Not POC, Laboratory-based
67	The use of synthetic glycoconjugates as components of the immunochromatographic test for rapid serological diagnosis of leprosy	2020	Klinicheskaiia laboratornaia diagnostika	Korolyova-Ushakova et al.	Not POC, Laboratory-based
68	Pilot study to assess the accuracy and precision of phenolic glycolipid-i of <i>Mycobacterium leprae</i> test kit in diagnosing new leprosy cases among patients at the jose r. reyes memorial medical center	2020	J. Dermatol. Nurses' Assoc.	Montenegro et al.	Not POC, Laboratory-based
69	Single-nucleotide polymorphisms in genes predisposing to leprosy in leprosy household contacts in Zhejiang Province, China	2020	PharmacoEcon. Personalized Med.	Shen et al.	Not POC, Laboratory-based
70	Development of a novel loop-mediated isothermal amplification assay for rapid detection of <i>Mycobacterium leprae</i> in clinical samples.	2021	Indian J Dermatol Venereol Leprol	Joshi et al.	Not POC, Laboratory-based

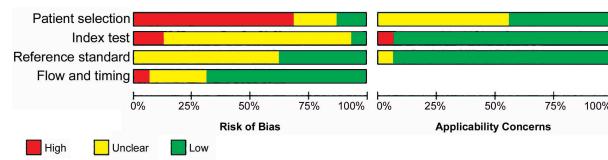


Fig. 1: risk of bias and applicability concerns graph: review authors' judgements about each domain presented as percentages across included studies.

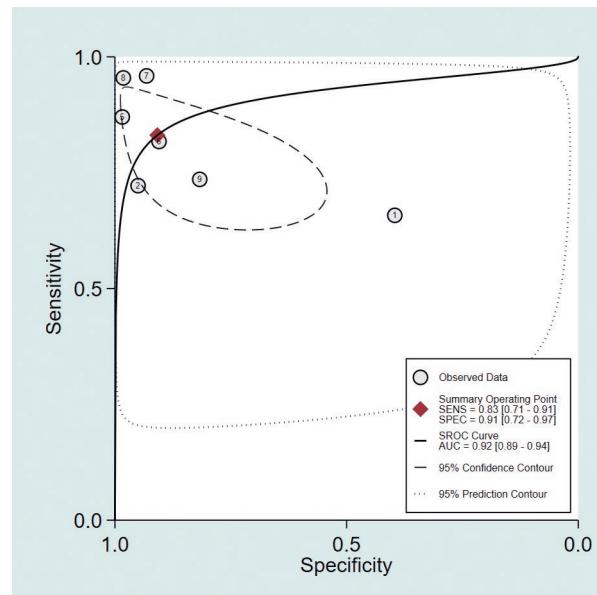


Fig. 2: SROC curve of NDO-LID tests for multibacillary cases. SROC curve with the pooled estimates of sensitivity, specificity and area under the curve. AUC: area under the curve; SENS: sensitivity; SPEC: specificity.

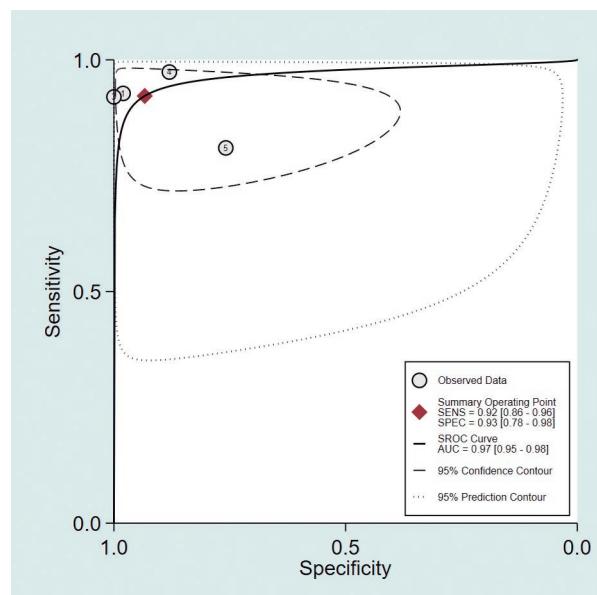
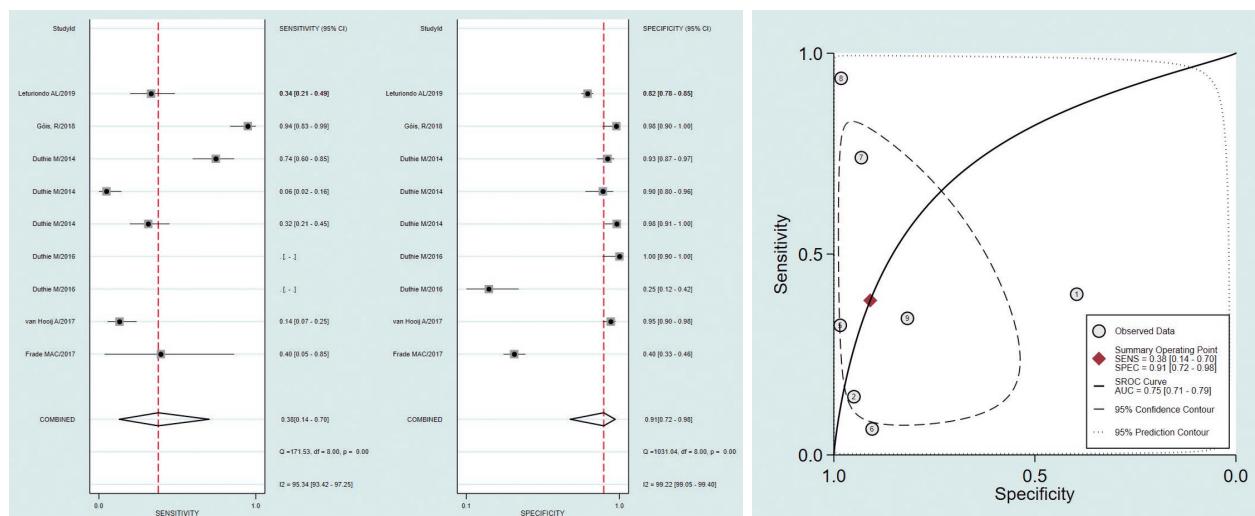


Fig. 3: SROC curve of PGL-I tests for multibacillary cases. SROC curve with the pooled estimates of sensitivity, specificity and area under the curve. AUC: area under the curve; SENS: sensitivity; SPEC: specificity.

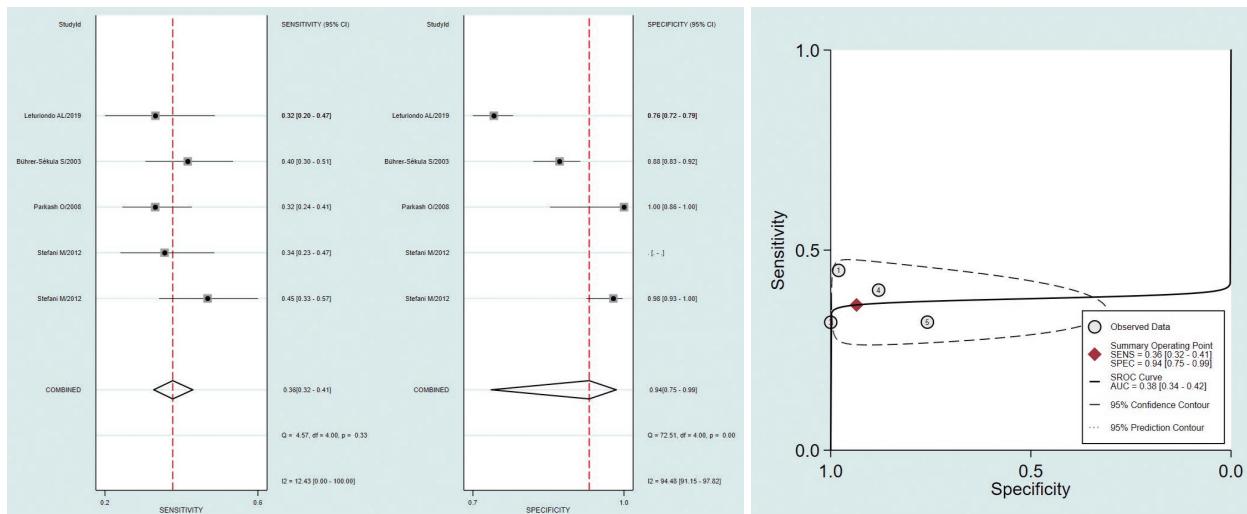
TABLE III  
Summary of tests accuracy parameters by multibacillary and paucibacillary of 16 included studies

ID	Author	Year	Cohort	Index test	Overall					MB			PB			% MB
					TP	FN	FP	TN	n	TP	FN	n	TP	FN	n	
a	Leturiondo AL <sup>(71)</sup>	2019	Brazil	NDO-LID conjugate	106	65	97	433	701	89	32	121	17	33	50	70.76%
b	Leturiondo AL <sup>(71)</sup>	2019	Brazil	Phenolic glycolipid-I (PGL-I)	114	57	128	402	701	98	23	121	16	34	50	70.76%
c	Góis R <sup>(72)</sup>	2018	Brazil	NDO-LID conjugate	66	4	1	54	125	21	1	22	45	3	48	31.43%
d	van Hooij A <sup>(73)</sup>	2018	Brazil, China, Ethiopia	PGL-I + (IP-10, CCL4 and CRP)	126	23	81	237	467	86	8	94	40	15	55	63.00%
e	Frade MAC <sup>(74)</sup>	2017	Brazil	NDO-LID conjugate	27	16	148	97	288	25	13	38	2	3	5	88.37%
f	van Hooij A <sup>(75)</sup>	2017	Philippines, Bangladesh	NDO-LID conjugate	158	116	8	152	434	148	57	205	10	59	69	74.82%
g	Duthie M <sup>(76)</sup>	2016	Philippines	NDO-LID conjugate	63	3	27	9	102	NA	NA	NA	NA	NA	NA	NA
h	Duthie M <sup>(76)</sup>	2016	Philippines	NDO-LID conjugate	51	15	0	36	102	NA	NA	NA	NA	NA	NA	NA
i	Duthie M <sup>(77)</sup>	2014	Philippines	NDO-LID conjugate	201	69	1	62	333	181	27	208	20	42	62	77.04%
j	Duthie M <sup>(77)</sup>	2014	Philippines	NDO-LID conjugate	174	96	6	57	333	170	38	208	4	58	62	77.04%
k	Duthie M <sup>(78)</sup>	2014	Colombia, Philippines	NDO-LID conjugate	169	13	8	109	299	140	6	146	37	13	50	74.49%
l	Stefani M <sup>(79)</sup>	2012	Brazil, Nepal	Phenolic glycolipid-I (PGL-I)	95	43	2	99	239	64	5	69	31	38	69	50.00%
m	Stefani M <sup>(79)</sup>	2012	Brazil, Nepal	Phenolic glycolipid-I (PGL-I)	87	52	NA	NA	139	63	6	69	24	46	70	49.64%
n	Parkash O <sup>(80)</sup>	2008	India	Phenolic glycolipid-I (PGL-I)	62	85	0	25	172	23	2	25	39	83	122	17.01%
o	Bührer-Sékula S <sup>(81)</sup>	2003	Brazil, Indonesia, Philippines, Ghana	Phenolic glycolipid-I (PGL-I)	145	54	28	206	433	111	3	114	34	51	85	57.29%
p	Roche P <sup>(82)</sup>	1999	Nepal	35-kD test card	59	28	1	9	97	38	7	45	21	15	36	55.56%

TP: true positive; FN: false negative; FP: false positive; TN: true negative; MB: multibacillary; PB: paucibacillary; Prev: prevalence in the studied sample; NA: not available.



Figs 4-5: accuracy estimates of NDO-LID conjugate tests for paucibacillary cases. Forest plot showing sensitivity and specificity of NDO-LID tests for PB cases. SROC curve with the pooled estimates of sensitivity, specificity and area under the curve. AUC: area under the curve; SENS: sensitivity; SPEC: specificity.



Figs 6-7: accuracy estimates of Phenolic glycolipid-I (PGL-I) conjugate tests for paucibacillary cases. Forest plot showing sensitivity and specificity of PGL-I tests for PB cases. SROC curve with the pooled estimates of sensitivity, specificity and area under the curve. AUC: area under the curve; SENS: sensitivity; SPEC: specificity.

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