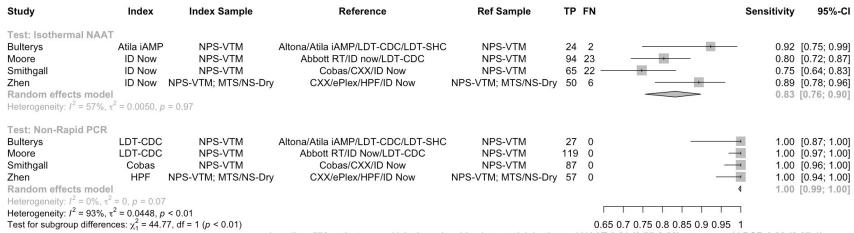
Figure s10a. Direct comparative test accuracy studies evaluating rapid isothermal NAAT test and standard non-rapid lab-based NAAT vs. composite reference standard



4 studies, 576 patients; sensitivity based on bivariate model: isothermal NAAT 0.81 (0.75-0.86) vs. non-rapid PCR 0.99 (0.97-1)

Figure s10b. Direct comparative test accuracy studies evaluating rapid isothermal NAAT test and standard non-rapid lab-based NAAT vs. composite reference standard

Study	Index	Index Sample	Reference	Ref Sample	TN FP	Specificity 95%-CI
Test: Isothermal NAAT Bulterys Moore Smithgall Zhen Random effects model Heterogeneity: $I^2 = 0\%$, τ^2		NPS-VTM NPS-VTM NPS-VTM NPS-VTM; MTS/NS-Dry	Altona/Atila iAMP/LDT-CDC/LDT-SHC Abbott RT/ID now/LDT-CDC Cobas/CXX/ID Now CXX/ePlex/HPF/ID Now	NPS-VTM NPS-VTM NPS-VTM NPS-VTM; MTS/NS-Dry	53 0 79 0 26 0 51 0	
Test: Non-Rapid PCR Bulterys Moore Smithgall Zhen Random effects model		NPS-VTM NPS-VTM NPS-VTM NPS-VTM; MTS/NS-Dry	Altona/Atila iAMP/LDT-CDC/LDT-SHC Abbott RT/ID Now/LDT-CDC Cobas/CXX/ID Now CXX/ePlex/HPF/ID Now	NPS-VTM NPS-VTM NPS-VTM NPS-VTM; MTS/NS-Dry	53 0 79 0 25 1 - 50 1	1.00 [0.93; 1] 1.00 [0.95; 1] 1.00 [0.80; 1] 0.96 [0.80; 1] 0.98 [0.90; 1] 1.00 [0.97; 1]
Heterogeneity: $I^2 = 18\%$, τ^2 Heterogeneity: $I^2 = 0\%$, τ^2 Test for subgroup difference	= 0, p = 0.72	, df = 1 (p = 0.39)	an 410 nationator annaificitus based on bio	variate readel; is athorned	NAATOO	0.85 0.9 0.95 1