

Supplementary Table 1: Comparison of rapid antigen detection tests for which evaluations have been published to date

RAD test name	Manufacturer	Test type	Number of tested specimens	Sensitivity (%)	Specificity (%)	Other characteristics	References
COVID-19 Ag Respi-strip	Coris BioConcept, Belgium	Immunochromatography	60 – 148*	30.2-57.6	99.5-100		(3,6,9)
Biocredit COVID-19 Ag test	RapiGEN, Republik of Korea	Immunochromatography	368	45.7	100		(5)
STANDARD F COVID-19 Ag FIA	SD Biosensor, Republik of Korea	Fluorescence immunoassay	359	47.1	na	Requires a fluorescence analyzer	(4)
STANDARD Q COVID-19 Ag	SD-Biosensor, Republik of Korea	Immunochromatography	330	70.6	100		(1)
SARS-CoV-2 antigen test	Bioeasy Biotechnology, China	Fluorescence immunochromatography	127	93.9	100	Requires a fluorescence analyzer	(8)
Lumipulse G SARS-CoV-2 Ag	Fujirebio, Japan	Chemiluminescence enzyme immunoassay	313	55.2-91.7	97.3-99.6	Requires a fluorescence analyzer	(2,7)
PANBIO COVID-19 Ag Rapid Test Device	Abbott, USA	Immunochromatography	341	75.5	94.9		This study

RAD: rapid antigen detection; * depending on studies; na: not available; the antigen detected was a nucleocapsid protein in all tests except the Lumipulse G SARS-CoV-2 Ag for which this information is not available.

Supplementary Table 2: Results from the PANBIO COVID-19 Rapid Ag test according to the Ct values obtained by RT-PCR

		RT-PCR Ct value	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	
Patients	RAD result																												
Symptomatic	positive	1		1	2		5	11	9	7	5	3	14	14	8	7		19	5	9	10	5	2	2	1	2	2		
	negative					1												1	2			2	5	5	5	8	5	4	
Asymptomatic	positive																		1	1		1	4	2				1	
	negative																				1	1				2	1	4	3

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