

Comparative evaluation results of SARS-CoV-2 antigen RDT passing the sensitivity criteria

(in alphabetical order of manufacturers)

No. Manufacturer	Test name	Sensitivity			
		CT <25	CT 25-30	CT >30	CT 17-36
1: Abbott Rapid Diagnostics Jena GmbH	Panbio™ COVID-19 Ag Rapid Test Device (NASOPHARYNGEAL)	100,0%	60,9%	0,0%	64,0%
2: ACON Biotech (Hangzhou) Co., Ltd	Flowflex SARS-CoV-2-Antigenschnelltest (Nasopharynx tupfer)	94,1%	4,3%	0,0%	34,0%
3: Aesku Diagnostics GmbH	Aesku Rapid SARS-CoV-2 Rapid Test	82,4%	17,4%	0,0%	36,0%
8: Anbio (Xiamen) Biotechnology Co., Ltd	Rapid Covid-19 Antigen Test (Colloidal Gold)	100,0%	52,2%	0,0%	58,0%
17: Beijing Hotgen Biotech Co., Ltd.	Novel Coronavirus 2019-nCoV Antigen Test (Colloidal gold)	100,0%	47,8%	0,0%	56,0%
18: Beijing Lepu Medical Technology Co., Ltd	SARS-CoV-2 Antigen Rapid Test Kit	100,0%	26,1%	0,0%	46,0%
37: Guangzhou Wondfo Biotech Co. Ltd	Wondfo SARS-CoV-2 Antigen Test (Lateral Flow Method)	88,2%	0,0%	0,0%	30,0%
38: Hangzhou Clongene Biotech Co., Ltd.	Clungene COVID-19 Antigen Rapid Test	94,4%	34,8%	0,0%	50,0%
40: Hangzhou Laihe Biotech Co., Ltd. (Lissner Qi GmbH)	Lyher Novel Coronavirus (COVID-19) Antigen Test Kit (Colloidal Gold)	94,4%	17,4%	0,0%	42,0%
42: Hangzhou Testsea Biotechnology Co., Ltd Testsealabs	Rapid Test Kit COVID-19 Antigen Test Cassette	100,0%	47,8%	0,0%	56,0%
47: Joinstar Biomedical Technology Co., Ltd (CIV care impuls Vertrieb)	COVID-19 Antigen Schnelltest (Colloidal Gold)	100,0%	60,9%	0,0%	64,0%
52: MEDsan GmbH MEDsan	SARS-CoV-2 Antigen Rapid Test	100,0%	47,8%	0,0%	58,0%
55: MP Biomedicals Germany GmbH	Rapid SARS-CoV-2 Antigen Test Card	100,0%	43,5%	0,0%	54,0%
56: nal von minden gmbh NADAL	COVID-19 Ag Schnelltest	83,3%	13,0%	0,0%	36,0%
70: Safecare Biotech Hangzhou Co., Ltd.	Safecare COVID-19 Ag Rapid Test Kit (Swab)	100,0%	60,9%	0,0%	62,0%
73: SD BIOSENSOR (Roche Diagnostics GmbH)	SARS-CoV-2 Rapid Antigen Test	88,9%	30,4%	0,0%	46,0%
74: SD BIOSENSOR	STANDARD™ Q COVID-19 Ag Test	88,9%	30,4%	0,0%	46,0%
82: Siemens Healthineers CLINITEST	Rapid COVID-19 Antigen Test	100,0%	87,0%	0,0%	76,0%
92: Xiamen Boson Biotech Co., Ltd	SARS-CoV-2 Antigen Schnelltest	100,0%	43,5%	0,0%	54,0%