

CORRIGENDA

**Antigen-detection in the diagnosis of SARS-CoV-2 infection using rapid immunoassays:
Interim guidance, 11 September 2020**

(WHO/2019-nCoV/Antigen_Detection/2020.1)

Page 8, column 2, lines 1–10

Delete: WHO: Jane Cunningham and Mark Perkins (Leads), Amal Barakat, Golubinka Boshevksa, Lisa Carter, Lora Chernyshova, Radu Cojocaru, Janet Victoria Diaz, Soudeh Ehsani, Belinda Louise Herring, Francis Inbanathan, Alexandr Jaguparov, Iaroslava Maksymovych, Marco Marklewitz, Jairo Mendez-Rico, Karen Nahapetyan, Dmitriy Pereyaslov, Anne Perrocheau, Irena Prat, Artem Skrypnyk, Maja Stanojevic, Ute Ströher, Maria Van Kerkhove, Karin von Eije.

Insert: WHO: Jane Cunningham and Mark Perkins (Leads), Amal Barakat, Golubinka Boshevksa, Lisa Carter, Lora Chernyshova, Sebastien Cognat, Radu Cojocaru, Janet Victoria Diaz, Soudeh Ehsani, Belinda Louise Herring, Francis Inbanathan, Alexandr Jaguparov, Iaroslava Maksymovych, Marco Marklewitz, Jairo Mendez-Rico, Karen Nahapetyan, Dmitriy Pereyaslov, Anne Perrocheau, Irena Prat, Artem Skrypnyk, Maja Stanojevic, Ute Ströher, Maria Van Kerkhove, Karin von Eije.

Page 9

Delete page 9 of the document and replace with the following page.

These corrections have been incorporated into the electronic file.

Annex 1

Annex : Positive predictive value (PPV) and negative predictive value (NPV) and the number of true positive (TP), false positive (FP), true negative (TN) and false negative (FN) tests in a population of 100 000 with the prevalence of COVID-19 estimated at 5, 10, 20, 30% prevalence and based on recommended performance criteria: sensitivity of 70, 80%, 90% and specificity of 97,5% and 99,5%.

Example prevalence target populations	Prevalence (%)	Sensitivity	Specificity	NPV	PPV	TP	FP	TN	FN	No. with disease	No. positive tests	Total
Symptomatic general population; contacts of index case	5	70	97,5	98,4	59,6	3500	2375	92625	1500	5000	5875	100000
		70	99,5	98,4	88,1	3500	475	94525	1500	5000	3975	100000
		80	97,5	98,9	62,8	4000	2375	92625	1000	5000	6375	100000
		80	99,5	99,0	89,4	4000	475	94525	1000	5000	4475	100000
		90	97,5	99,5	65,5	4500	2375	92625	500	5000	6875	100000
		90	99,5	99,5	90,5	4500	475	94525	500	5000	4975	100000
Community transmission: Symptomatic patients presenting to health care facilities; contacts of index cases; institutions & closed communities with confirmed outbreaks	10	70	97,5	96,7	75,7	7000	2250	87750	3000	10000	9250	100000
		70	99,5	96,8	94,0	7000	450	89550	3000	10000	7450	100000
		80	97,5	97,8	78,0	8000	2250	87750	2000	10000	10250	100000
		80	99,5	97,8	94,7	8000	450	89550	2000	10000	8450	100000
		90	97,5	98,9	80,0	9000	2250	87750	1000	10000	11250	100000
		90	99,5	98,9	95,2	9000	450	89550	1000	10000	9450	100000
Symptomatic at referral centre; Symptomatic or screening of health care work workers; care homes	20	70	97,5	92,9	87,5	14000	2000	78000	6000	20000	16000	100000
		70	99,5	93,0	97,2	14000	400	79600	6000	20000	14400	100000
		80	97,5	95,1	88,9	16000	2000	78000	4000	20000	18000	100000
		80	99,5	95,2	97,6	16000	400	79600	4000	20000	16400	100000
		90	97,5	97,5	90,0	18000	2000	78000	2000	20000	20000	100000
		90	99,5	97,6	97,8	18000	400	79600	2000	20000	18400	100000
Symptomatic health care worker/cleaners; care home residents	30	70	97,5	88,4	92,3	21000	1750	68250	9000	30000	22750	100000
		70	99,5	88,6	98,4	21000	350	69650	9000	30000	21350	100000
		80	97,5	91,9	93,2	24000	1750	68250	6000	30000	25750	100000
		80	99,5	92,1	98,6	24000	350	69650	6000	30000	24350	100000
		90	97,5	95,8	93,9	27000	1750	68250	3000	30000	28750	100000
		90	99,5	95,9	98,7	27000	350	69650	3000	30000	27350	100000