

Why do we need the 'STANDARD Q COVID-19 IgM/IgG Plus Test' ?_R0







**STANDARD Q
Marketing Dept.**

Comparison chart of COVID-19 antibody diagnostic kits

PURSUE THE QUALITY OF LIFE
Total Solution for POC Diagnostics

STANDARD Q COVID-19 IgM/IgG Plus shows superior evaluation data and targeting performance

Company	SD BIOSENSOR		SD BIOSENSOR		Abbott		Wondfo	
								
Product	STANDARD Q COVID IgM/IgG Plus Test		STANDARD Q COVID IgM/IgG Combo Test		PANBIO COVID-19 IGG/IGM RAPID TEST DEVICE		SARS-CoV-2 Antibody Test (Lateral Flow Method)	
Contents	Test device x 40 Buffer bottle Capillary tube(20µl) Instruction for use		Test device x 40 Buffer bottle Capillary tube(20µl) Instruction for use		Test devices x 25 Buffer bottle Capillary tube(20µl) Instruction for use		Test device x 20 Buffer bottle Capillary tube(20µl) Instruction for use	
Kit storage	Room temperature (2-30°C / 36-86°F)		Room temperature (2-30°C / 36-86°F)		Room temperature (2-30°C / 36-86°F)		Room temperature (2-30°C / 36-86°F)	
Specimens	Serum/Plasma/Whole blood		Serum/Plasma/Whole blood		Serum/Plasma/Whole blood		Serum/Plasma/Whole blood	
Test time	10-15mins		10-15mins		10-20mins		15mins	
Evaluation data	Sensitivity	99.03% (102/103, 95% CI, 94.71% -99.98%)	Sensitivity	94.51% (155/164, 95% CI, 89.84% -97.46%)	Sensitivity	Fingerstick - 96.2% Venous WB - 96% Plasma - 97.8%	Sensitivity	86.43% (95%CI: 82.51%~89.58%)
	Specificity	98.65% (219/222, 95% CI, 96.10% -99.72%)	Specificity	95.74% (225/235, 95% CI, 92.31 - 97.94%)	Specificity	Fingerstick - 100% Venous - 95.8% Plasma 92.8%	Specificity	99.57% (95%CI: 97.63%~99.92%)
Target antibodies	SARS-CoV-2 spike protein SARS-CoV-2 nucleocapsid protein		SARS-CoV-2 nucleocapsid protein		SARS-CoV-2 nucleocapsid protein		NA	

STANDARD Q COVID-19 IgM/IgG Plus Test can detect SARS-CoV-2 spike protein & nucleocapsid protein

Proposal

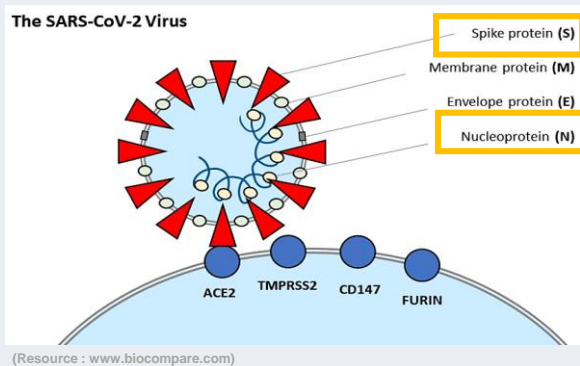
STANDARD Q COVID-19 IgM/IgG Plus Test with improved sensitivity



Improved targeting performance is resulted in improved sensitivity by confirming SARS-CoV-2 spike protein & nucleocapsid protein

Merit

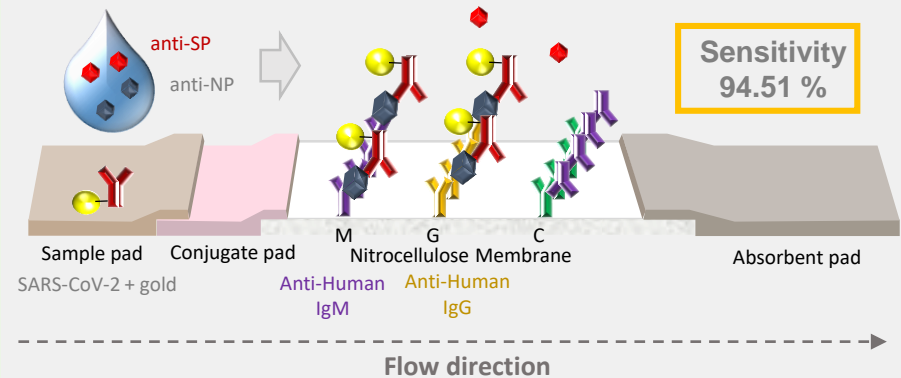
‘STANDARD Q COVID-19 IgM/IgG Plus Test’ can detect
SARS-CoV-2 spike protein & nucleocapsid protein



Q1. Why is it good to be able to detect ‘Spike protein’ ?

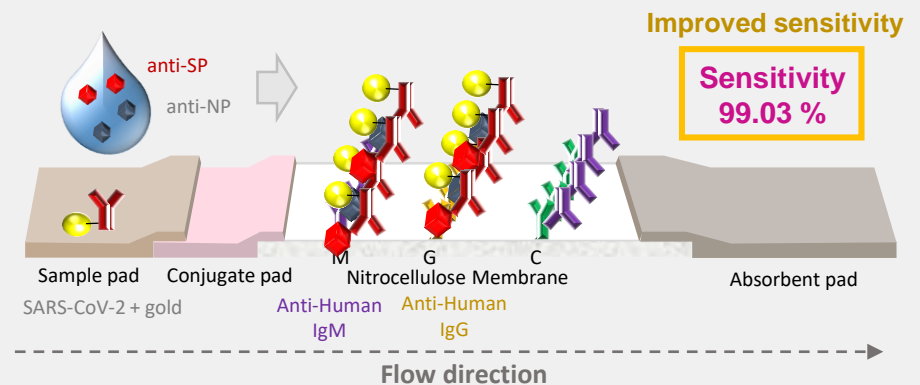
STANDARD Q COVID-19 IgM/IgG Combo Test

It detects only the anti-NP.



STANDARD Q COVID-19 IgM/IgG Plus Test

It detects both anti-NP and anti-SP. It is more likely to show higher sensitivity.





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