



## STANDARD Q

# COVID-19 Ag/Ab Total Test

STANDARD Q COVID-19 Ag Test  
STANDARD Q COVID-19 IgM/IgG Combo Test

*“STANDARD Q COVID-19 Ag/Ab Total test will help improve strategies to curd the COVID-19 pandemic.”*



### » ADVANTAGES OF ANTIGEN TEST

- Inform patient management and actions needed to prevent transmission
- No need instruments for test
- Simple test procedure

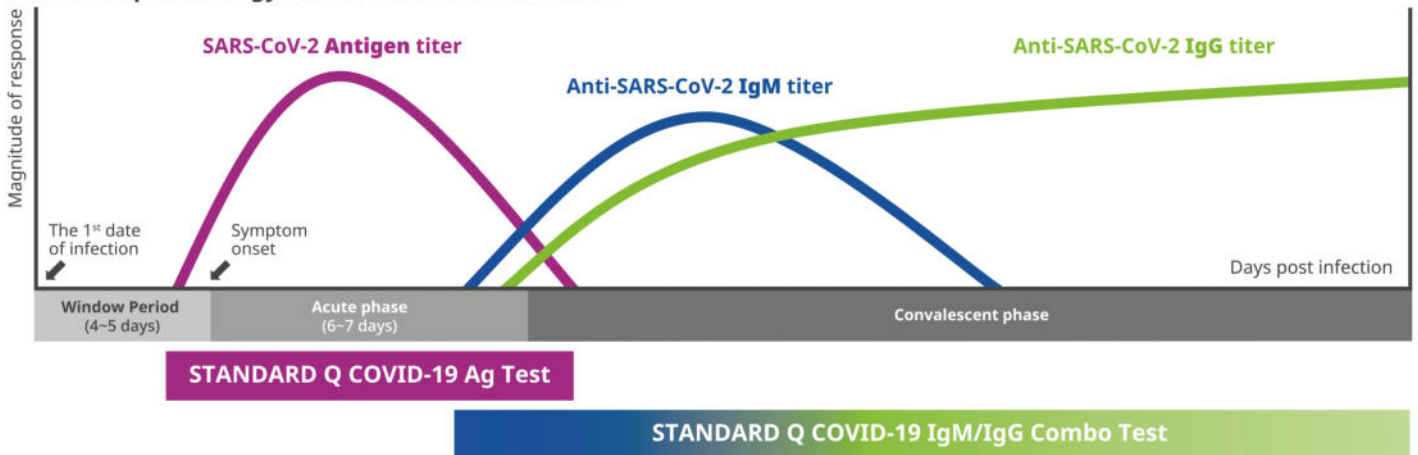
### » ADVANTAGES OF ANTIBODY TEST

- Indicating how many people had COVID-19 and recovered
- Facilitate contact tracing and surveillance
- Identify individuals with neutralizing antibodies
- Fast result within 15 minutes

### » COVER ACUTE TO CONVALESCENT PHASE OF SARS-COV-2 INFECTION WITH COVID-19 Ag/Ab Total Test

- The STANDARD Q COVID-19 Ag Test helps to identify COVID-19 within less than 6 days after symptom onset.
- The STANDARD Q COVID-19 IgM/IgG Test helps to identify COVID-19 infection from 7 days after symptom onset.

#### Clinical epidemiology case of SARS-CoV-2 infection



• This figure shows general variation pattern of the levels of antigen, IgM and IgG after viral infection. There may be some difference depending on patient immune status.

### » PERFORMANCE CHARACTERISTICS

#### STANDARD Q COVID-19 Ag Test

Table 1. Summary of the sensitivity of the STANDARD Q COVID-19 Ag Test compared to PCR.

		PCR		
		Positive	Negative	Total
STANDARD Q COVID-19 Ag Test	Positive	58	2	60
	Negative	7	58	65
	Total	65	60	125
<b>Sensitivity</b>		<b>89.23%</b> (58/65, 95% CI, 79.06% - 95.56%)		

Table 2. Summary of the specificity of the STANDARD Q COVID-19 Ag Test compared to PCR.

		PCR		
		Positive	Negative	Total
STANDARD Q COVID-19 Ag Test	Positive	0	0	0
	Negative	0	170	170
	Total	0	170	170
<b>Specificity</b>		<b>100.00%</b> (170/170, 95% CI, 97.85% - 100%)		

#### STANDARD Q COVID-19 IgM/IgG Combo Test

Table 3. Summary of sensitivity of the STANDARD Q COVID-19 IgM/IgG Combo Test compared to PCR confirmed specimens from 7 days after symptoms onset is 93.90%

		PCR		
		Positive	Negative	Total
≥ 7 days after symptom onset				
STANDARD Q COVID-19 IgM/IgG Combo Test	Positive	154	0	154
	Negative	10	0	10
	Total	164	0	164
<b>Sensitivity</b>		<b>93.90%</b> (154/164, 95% CI, 89.07% - 97.04%)		

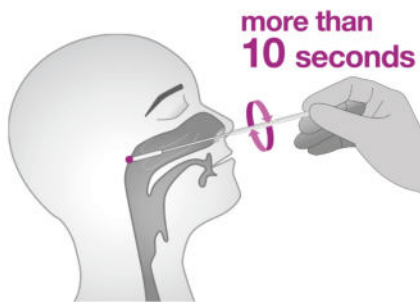
Table 4. Summary of specificity of the STANDARD Q COVID-19 IgM/IgG Combo Test compared to PCR confirmed specimens is 95.74%

		PCR		
		Positive	Negative	Total
STANDARD Q COVID-19 IgM/IgG Combo Test	Positive	0	10	10
	Negative	0	225	225
	Total	0	235	235
<b>Specificity</b>		<b>95.74%</b> (225/235, 95% CI, 92.31% - 97.94%)		

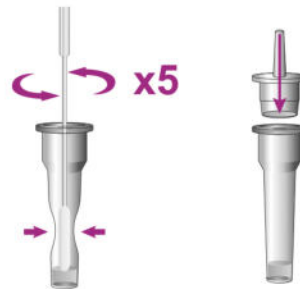
# » EASY TEST PROCEDURE FOR STANDARD Q COVID-19 Ag/Ab Total Test

## STANDARD Q COVID-19 Ag Test

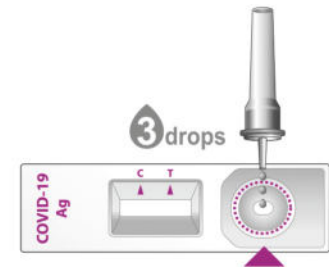
- 1 Collecting of specimen**  
from the patient's nasopharynx



- 2 Mix the specimen**  
with extraction buffer

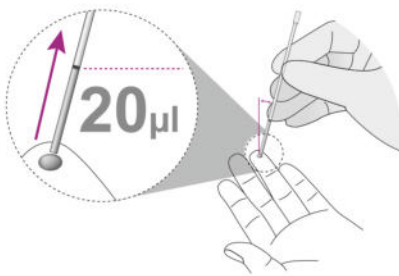


- 3 Apply the specimen**  
Get result within 30 minutes

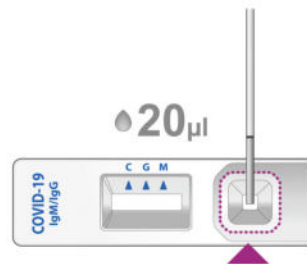


## STANDARD Q COVID-19 IgM/IgG Combo Test

- 1 Collecting of specimen**  
using a capillary tube



- 2 Apply the specimen**



- 3 Apply the buffer**  
Get result within 15 minutes



## » SPECIFICATION

	STANDARD Q COVID-19 Ag Test	STANDARD Q COVID-19 IgM/IgG Combo Test
Method	Immunochromatography	Immunochromatography
Time to results	30 mins	15 mins
Sample volume	3 drops	20 ul (Whole blood), 10 ul (Serum/Plasma)
Sample type	Nasopharyngeal swab	Whole blood (Venous / Capillary) / Serum / Plasma
Shelf life	12 months (based on 2020.05.15)	10 months (based on 2020.05.19)

## » ORDERING INFORMATION

Cat. No.	Product	Storage temperature	Tests/kit	Kits/carton	Carton size (W/D/H)
09COV60D	STANDARD Q COVID-19 Ag/Ab Total Test	2-30°C/36-86°F	25	20	630 x 430 x 400 mm
09COV30D	STANDARD Q COVID-19 Ag Test	2-30°C/36-86°F	25	30	550 x 460 x 390 mm
09COV50G	STANDARD Q COVID-19 IgM/IgG Combo Test	2-30°C/36-86°F	40	40	515 x 515 x 370 mm
10COVC10	STANDARD COVID-19 Ag Control	2-30°C/36-86°F	10	20	155 x 390 x 110 mm
10COVC20	STANDARD COVID-19 IgM/IgG Control	2-30°C/36-86°F	10	20	215 x 390 x 110 mm