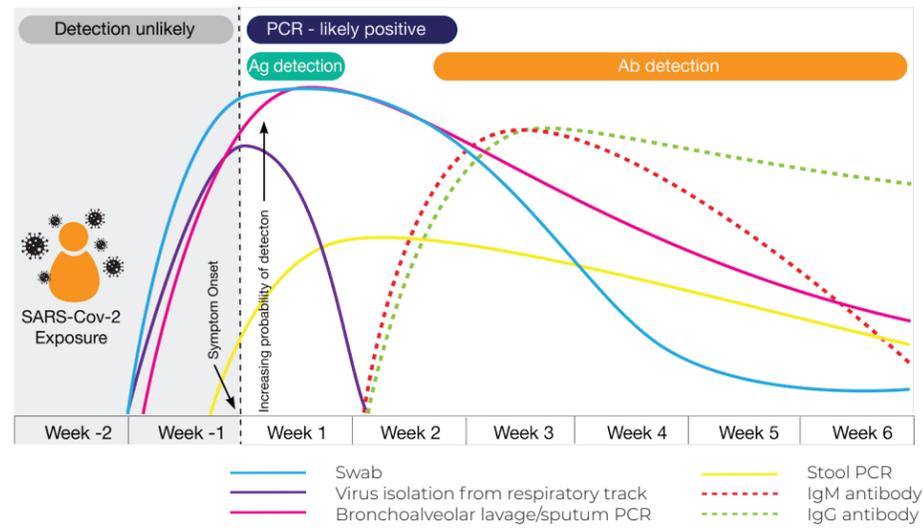


IDEAL TESTING WINDOWS



Ag Rapid Test

- Fast results, suited for POC testing
- Early diagnosis by detecting viral components
- High sensitivity ensures quick isolation of positive individuals

RT-PCR

- High sensitivity and high specificity
- Confirms the presence of infection

IgG/IgM Rapid Test

- Suited for POC testing
- Detects immune response and provides indication of likely immunity
- Provides information on previous infection

CTK IN ACTION

Other Respiratory Tests



- *OnSite* Influenza A/B Ag Rapid Test (with External Controls, optional) CE
- *OnSite* Strep A Rapid Test CE
- *OnSite* RSV Ag Rapid Test CE
- *OnSite* Adenovirus Ag Rapid Test CE
- *Aridia* Influenza A/B/RSV Real-Time PCR CE
- *Aridia* Influenza A Typing Real-Time PCR CE
- *Aridia* Rhinovirus/Enterovirus Real-Time PCR CE



CTK's Total Solution for COVID-19 DIAGNOSTICS

Self Test + Rapid Test + External Control + PCR

First SARS-CoV-2 Self Test with WHO Emergency Use Listing

PCR Rapid Tests Controls

CTKBIOTECH.COM

QUALITY
INNOVATION
SIMPLICITY



QUALITY FIRST in COVID-19 Diagnostic Tools

CTK Biotech has been developing and manufacturing an array of high-quality diagnostic tools for the global market since 1999. We have developed a comprehensive toolbox for COVID-19 testing needs. Our tests provide accurate and reliable results that professionals and non professionals can trust.



Quality Recognition

Our COVID-19 antigen and PCR diagnostics tools have completed rigorous internal testing and external evaluations by reference labs and academic and research institutions. In addition, they passed reviews by stringent regulatory authorities, the ministry of health, the World Health Organization (antigen and self test), and other international agencies.



Exceptional customer Service

Our team of experts can help you navigate the regulatory requirements from the time of order to delivery, as well as support you with any technicals needs you may have.



Safe and stable delivery

Well-established global supply chain across 110+ countries.
High-scale production across multiple continents to meet any order size.

COVID-19 Rapid Tests

Aiding communities with fast & accurate diagnostics for SARS-CoV-2



COVID-19 Ag Rapid Test (R0182C | Nasal and Nasopharyngeal Swab)

- Proven Quality**
 - WHO EUL, EU Common and Mutual Recognition List, PEI Evaluation, German Bfarm Listing, TGA Approval, & ANVISA Approval
 - 91.2% Sensitivity; 99.6% Specificity
- Proven Performance** Detects U.K., South Africa, Brazil, California, Nigeria, India/Delta, & Omicron variants
- Flexible Formats available** Single-Use



COVID-19 IgG/IgM Rapid Test (R0180C | Serum, Plasma, Finger prick)

- Fast and Reliable Results**
 - 10-15 minutes
 - 97.1% Sensitivity; 97.8% Specificity
- Easy to use** Finger prick specimen allows testing at point-of-care, saving crucial time

COVID-19 Rapid Test External Control Kits

Assists in monitoring performance of COVID-19 Rapid Tests



COVID-19 Ag Rapid Test External Control Kit (C0182 | Dry format)

COVID-19 IgG/IgM Rapid Test External Control Kit (C0180 | Liquid format)

- Using the same test procedure as clinical specimens for quality control consistency and user convenience
- Enough materials for performing 10 sets of control tests

COVID-19 Ag Self Test

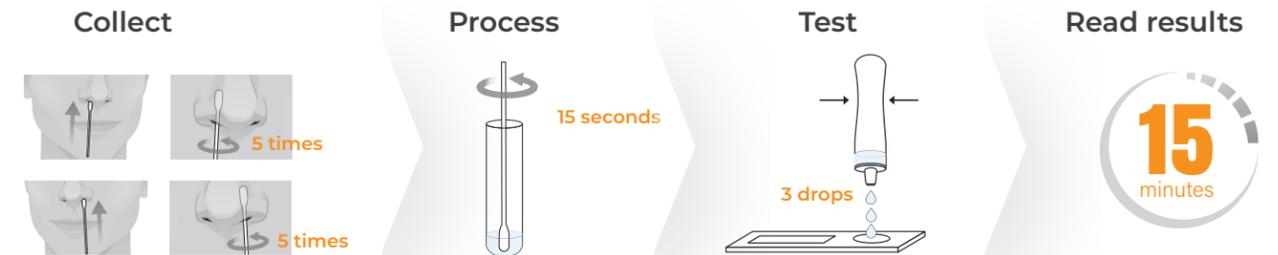
Designed for everyone to self-test with ease and confidence



COVID-19 Ag Self Test (R0182CST | Nasal Swab)

- Proven Quality**
 - 96.6% Sensitivity; 100% Specificity
 - **First SARS-CoV-2 Self Test with WHO Emergency Use Listing**
 - CE Marked, TGA Listed, NOKLUS, Malaysia MSA, Saudi FDA, Philippines FDA, & INVIMA
- Proven Performance** Detects U.K., South Africa, Brazil, California, Nigeria, India/Delta, & Omicron variants
- Simple to use for all**
 - Fit for ages 12 & up
 - Intuitive design
- Adaptable** Diverse kit sizes (1, 2, 5, & 20)

Just 4 simple steps



Configuration



COVID-19 Real-Time PCR Tests

Simplifying PCR testing



Room Temperature

Dry formulation
Ships at 2-40°C
Store at 2-40°C
24-month shelf life at 2-40°C



Easy to Use

Pre-mixed components in individual vials
No master mix needed, saves time on reagent preparation
3-step procedure, results in ~90 minutes
Less chance for human error



Time-saving

Universal PCR program
Similar protocol as other **Aridia** Respiratory tests
Run different **Aridia** Respiratory tests at the same time in the same thermocycler



No Additional Capital Investment

Adaptable design
Open system, compatible with most commercially available thermocyclers
Reagents can be used with both high profile & low profile tubes
Validated with multiple nucleic acid extraction kits



Specification SARS-CoV-2 & Influenza A/B Real-Time PCR Test (P0189)

Intended use	For use with purified RNA samples from Nasopharyngeal & Oropharyngeal swabs
Detection window	Initial stages, first 2-3 weeks after infection
Variants	Detects and differentiates between SARS-CoV-2 (including currently circulating variants), Influenza A (H1N1, H3N2, and others), & Influenza B (Yamagata, Victoria)
Clinical performance	SARS-CoV-2: 100% Positive Agreement; 100% Negative Agreement Influenza A: 99.1% Positive Agreement; 100% Negative Agreement Influenza B: 97.22% Positive Agreement; 100% Negative Agreement
LOD	≤ 10 RNA copies per reaction for SARS-CoV-2 (N & ORF1ab genes), Influenza A (M1 gene), & Influenza B (NS2 gene)
Cross-reactivity	No cross-reactivity to other common respiratory pathogens

Specification COVID-19 Real-Time PCR Test (P0180)

Intended use	For use with purified RNA samples from Nasopharyngeal & Oropharyngeal swabs
Detection window	Initial stages, first 2-3 weeks after infection
Variants	U.K., South Africa, Brazil, California, Nigeria, India/Delta, & Omicron
Clinical performance	100% Positive Agreement; 100% Negative Agreement
LOD	< 10 RNA copies per reaction for SARS-CoV-2 ORF1ab N & E genes
Cross-reactivity	No cross-reactivity to other common respiratory pathogens



COVID-19 IMMUNOFLUORESCENCE (FIA) SYSTEM COMING SOON

Streamlining COVID-19 testing



Features	Benefits
Qualitatively analyzes Nasopharyngeal & Nasal swab specimens	Provides end-user greater flexibility while performing a test
Fast results within 15 minutes	Efficiently screens for COVID-19 infection
FIA test + an intuitive system	Allows for any level of lab staff to test, with minimal training
System provides easy-to-read results	Reduces user error, especially in faint test line results
Batch Test Mode	Quickly test large quantities of patient samples, Increase community access to testing
No unique environment needed for set up	Allows for quick setup at the point of care & in resource-limited settings



ORDERING INFO

Catalog	Product	Specimen Kit Size	Shelf Life
R0180C	OnSite ® COVID-19 IgG/IgM Rapid Test 	S/P/WB 30	24 months
R0182C	OnSite ® COVID-19 Ag Rapid Test 	Swab 20	24 months
R0188C	OnSite ® COVID-19 & Influenza A/B Ag Rapid Test 	Swab 15	24 months
R0182CST	OnSite ® COVID-19 Ag Self Test  <small>NEW</small>	Nasal 2	24 months
P0180	Aridia ® COVID-19 Real Time PCR Test 	Swab 96	24 months
P0186	Aridia ® SARS-CoV-2, Influenza A/B & RSV A/B Real-Time PCR Test <small>COMING SOON</small>	Swab --	--
P0189	Aridia ® SARS-CoV-2 & Influenza A/B Real-Time PCR Test  <small>NEW</small>	Swab 96	24 months
C0180	Positiv ia® COVID-19 IgG/IgM Rapid Test External Control Kit 	-- 1	24 months
C0182	Positiv ia® COVID-19 Ag Rapid Test External Control Kit 	-- 1	24 months
F0182	RaFIA ® COVID-19 Ag FIA Test <small>COMING SOON</small>	Swab --	--