



# Coronavirus (COVID-19) Environmental Surface Testing

Everything needed to start routine testing at your workplace, school, or business today



### Reassure customers and guests

Assure visitors your business is free of detectable Coronavirus, and that you take proactive measures when contamination is found

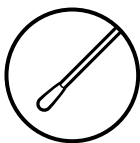
### Ensure a safe facility

Testing high-touch surfaces provides an early indication of infections in workplaces, nursing homes, and schools

### Validate your sanitation

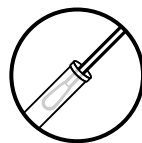
Demonstrate the efficacy of routine cleaning as well as remediation after COVID-19 exposure

### How it Works



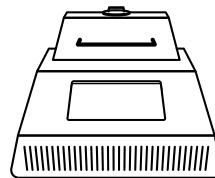
#### Swab

Swab high-touch hard surfaces such as door handles, keyboards, phones, armrests, and tables



#### Extract

Place swab into RNA extraction solution, which inactivates virus and stabilizes viral RNA for transport



#### Test

Prepare sample using test kit and place into Open qPCR instrument



#### Get Results

Get clear results in under an hour. Software automatically analyzes control reactions to ensure quality

### Where to Test

Hotel Rooms  
Aircraft

Schools  
Office Buildings

Nursing Homes  
Shopping Centers

Restaurants  
Movie Theaters

# Fact, Accurate, Actionable



Coronavirus Environmental Testing Results		
Well	Sample	Result
A4	Cafeteria	⊖ Not Detected
A5	Playground	⊕ Positive
A6	Staff Lounge	⊖ Not Detected
A7	Classroom K1	⊖ Not Detected



## Research-Grade Instrument

Open qPCR is a Real-Time PCR instrument used by leading research and testing labs around the world. The device detects SARS-CoV-2 with the same RT-qPCR technology used in COVID-19 diagnostic testing.

## Intuitive software

Open qPCR's software makes running test kits easy with simple instructions and an easy to follow wizard. Results and control reactions are analyzed automatically, displaying clear actionable results.

## Comprehensive Test Kits

Test kits include the environmental swabs and all reagents needed to detect COVID-19 on hard surfaces. Positive, negative, and internal amplification controls verify test results, while a UNG carry-over prevention system prevents false positives.



## Quick Start Bundles Available

Chai's Coronavirus Environmental Quick Start Bundle contains everything you need to begin testing environmental surfaces for COVID-19 including...

Open qPCR instrument, dual channel  
 Coronavirus Environmental Test Kit (96 tests)  
 Mini Centrifuge  
 20 and 200  $\mu$ L pipettes + tips  
 Tubes + racks

## Tech Specs

Limit of Detection	290 viral copies/swab
Swabbing Recovery	63% on hard plastic
Validated Surfaces	Plastic, stainless steel, brass, rubber, ceramic
Time to Result	1 hour
Swab Material	Synthetic fiber, sterile

Reagent Storage Conditions	-20 °C
Inclusivity	SARS-CoV-2 (COVID-19 virus)
Internal Amplification Control	Synthetic ssDNA fragment
Positive Control	SARS-CoV-2 N gene fragment
UNG Carry-over Prevention	Included

## Ordering Info

### Instruments

E013201	Open qPCR, Dual Channel	1 unit
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### Test Kits

T1401S	Coronavirus Environmental Test Kit	96 tests
T1401M	Coronavirus Environmental Test Kit	960 tests

### Hardware Protection Plans

M20112	2-Year Service Plan; Open qPCR Dual Channel
M20113	3-Year Service Plan; Open qPCR Dual Channel
M20115	5-Year Service Plan; Open qPCR Dual Channel

### Quick Start Bundles

B2001S	Coronavirus Environmental Quick Start Bundle	1 bundle
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