

Company Info

Tellgen Corporation (Stock Code: 300642) is founded in 2003 in Shanghai Zhangjiang Hi- Tech Park. We are an in vitro diagnostics (IVD) company focusing on research and development.

We focus on areas like molecular biology, immunology, biochemistry, and mass spectrometry. By using platforms like high- throughput flow cytometry, chemiluminescence assays, multi-plex PCR assays, and high performance liquid chromatography, we have a range of products covering early cancer detection, autoimmunity detection, infectious viruses, reproductive health, cardiovascular markers, etc.



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CE
IVD

Overall Solution for SARS-CoV-2

From Nucleic Acid Detection to Immune Detection



PCR Detection Kits Nucleic Acid Detection

SARS-CoV-2 belongs to the β type of coronavirus, it is an enveloped single-stranded RNA virus. It transmits mainly via respiratory emissions, contact with surfaces. Most frequently reported symptoms include new or worsening cough, fever, a temperature higher than 38°C, shortness of breath, fatigue, and loss of smell. Testing is key to find and isolate individuals with COVID-19 and prevent spreading, as well as better understand the virus.

Tellgen's detection kit utilizes polymerase chain reaction (PCR) with TaqMan probe. This offers a dual-channel dual-target gene detection.

Choose from:

- Liquid or lyophilized products
- Conventional PCR or Rapid PCR
- Extraction or no extraction methods



Product Specifications

Product	Specification	Sample Type	Gene Detected	NA Extraction
Fast one-step SARS-CoV-2 RT PCR Kit	48 kits/box PGA4114P1 (liquid) PGA4114P2 (lyophilized)	Nasopharyngeal/ oropharyngeal swab	N gene + ORF1ab gene	No
Fast one-step SARS-CoV-2 RT PCR Kit	48 kits/box PGA4115P1 (liquid) PGA4115P2 (lyophilized)	Nasopharyngeal/ oropharyngeal swab	N gene+S gene	No
SARS-CoV-2 Nucleic Acid Detection Kit based on Real-Time PCR Platform	48 kits/box PGA4110P1 (liquid) PGA4110P2 (lyophilized)	Nasopharyngeal/ oropharyngeal swab	N gene + ORF1ab gene	No
SARS-CoV-2 Nucleic Acid Detection Kit based on Real-Time PCR Platform	48 kits/box PGA4111P1 (liquid) PGA4111P2 (lyophilized)	Nasopharyngeal/ oropharyngeal swab	N gene+S gene	No
SARS-CoV-2 Nucleic Acid Detection based on Real-Time PCR Platform	48 kits/box PGA4102P1 (liquid) PGA4102P2 (lyophilized)	Nasopharyngeal/ oropharyngeal swab	N gene+S gene	No

PS: Remember to pair up your detection kits with Tellgen's transport media! Choose from modified hank's buffer or modified lysis buffer!

TRANSPORT MEDIUM -MODIFIED HANK'S BUFFER [PFA4X051; PFA4X052; PFA4X053]

- Safe - antibiotics to inhibit fungi/bacteria growth
- Compatible - suitable for a variety of specimens including viruses, mycoplasma, chlamydia etc.
- Multi-purpose - can also be used for virus isolation and cultivation

TRANSPORT MEDIUM -MODIFIED LYSIS BUFFER [PFA4X042; PFA4X043]

- Safe - inactivates virus
- Compatible - for molecular experiments
- Reliable - store specimens at room temperature for more than one week



Tellgen Automated Integrated Gene Detection System (AIGS)

Sample In, Result Out

Fast, enclosed system to with no need for nucleic acid extraction Choose from:

- N1 gene + N2 gene detection (24 cartridges/box [PGA4101P3])
- N gene + ORF1ab gene detection (24 cartridges/box [PGA4103P3])
- Fast: Results in ~1.5 hours

Safe: Zero contamination

Easy: Manual operation in under 2 minutes

Flexible: 4 individual testing channels

Diverse: 5 fluorescence to choose from

Simple Low-labor Workflow:



Add Sample



Load Cartridge



See Results

AIGS LifeReady1000
Cat. No. PJA0001

Chemiluminescence Immunoassay

Antigen/Antibody Detection

Products for Detecting COVID-19 Include:

- **IgG Antibody Detection**
(50 kits/box [CPA73531; CPA73532]; 100 kits/box [CPA73530; CPA73534])
- **IgM Antibody Detection**
(50 kits/box [CPA73541; CPA73542]; 100 kits/box [CPA73540; CPA73544])
- **SARS-CoV-2 Neutralizing Antibody Detection Kit**
(50 kits/box [CPA73742]; 100 kits/box [CPA73744])

Products for Detecting COVID-19 Antigen Include:

SARS-CoV-2 Antigen Detection Kit (50 kits/box [CPA73752]; 100 kits/box [CPA73754])

TESMI i100 can be used for automated detection of antibody and antigen, with the following features:

- High-throughput (Up to 150T/H)
- High-specificity
- Easy to Operate
- Support Emergency Sample Testing
- Automatic maintenance
- Small in Size (500mmX645mmX648mm)

