

# SARS-CoV-2

## Particles

**CerTest CLIA SARS-CoV-2 Ag is an antigen detection product. Quantitative detection of SARS-CoV-2 antigen in human nasopharyngeal swabs specimens is it possible with our reagents.**

CLIA technique is more sensitive that other immunological techniques, which is a great advantage in the rapid and accurate diagnosis of infectious diseases.

Clinically, patients with SARS-CoV-2 infection tend to suffer symptoms such as olfactory and gustatory dysfunction, fever, dry cough, anosmia, fatigue, dyspnoea, headache, diarrhoea and sore throat, followed by vascular and systematic complications. COVID-19 commonly results in pneumonia, which can evolve into acute respiratory distress syndrome, leading to respiratory or multiorgan failure.

**On March 11, 2020, the WHO declared the disease a pandemic, due to the high number of infected people and the rapidity of its spread worldwide.**

**CerTest CLIA SARS-CoV-2 Ag particles are:**

- ▶ **Effective and fast.** Diagnosis for SARS-CoV-2 will be ready after 15 minutes of reaction.
- ▶ **Accurate.** CerTest CLIA technology is high accurate, even comparing to high sensitive techniques such as rPCR.
- ▶ **Adaptable to any CLIA analyzer.** **Flash** and **Glow** reagents are developed for this target, and Bulk format is available under request.

**Available in BULK format**





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### Assay Features:

Assay format
Chemiluminescence coated magnetic particles
Method
Quantitative
Chemiluminescence type
<b>Flash</b> and <b>Glow</b> , both systems available
Solid phase & conjugate
High specific monoclonals, developed by CerTest Biotec, S.L.
Label
HRP and acridinium ester label available
Reagents
Liquid and stable, ready to use

### References:

Ref.	Name	Content
COV001	SARS-CoV-2 Ag <b>Glow</b>	<ul style="list-style-type: none"><li>• 2x2 mL Coated magnetic particles</li><li>• 15 mL HRP Conjugated antibody</li><li>• 2 mL Positive control</li><li>• 2 mL Negative control</li></ul>
COV002	SARS-CoV-2 Ag <b>Flash</b>	<ul style="list-style-type: none"><li>• 2x2 mL Coated magnetic particles</li><li>• 15 mL Acridinium Ester Conjugated antibody</li><li>• 2 mL Positive control</li><li>• 2 mL Negative control</li></ul>

**CerTest**  
BIOTEC

#### CerTest Biotec, S.L.

Pol. Industrial Río Gállego II · Calle J, N°1  
50840, San Mateo de Gállego, Zaragoza (Spain)  
Tel. (+34) 976 520 354 · Fax (+34) 976 106 268  
certest@certest.es | viasure@certest.es  
[www.certest.es](http://www.certest.es)

For more information and use procedure,  
read the instructions for use included in this product.



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