

## Rapid Test

One-step immunochromatographic tests

Fast | Easy | Reliable | Simple



Distributed in Germany by

 **bestbion**<sup>dx</sup>  
smarter diagnostics

**certest**  
IMMUNODIAGNOSTIC

## Experts in lateral flow



**Certest Biotec** is a European company **established in 2002** for the development and manufacturing of lateral flow rapid test diagnostic devices.

**Today, Certest** is a global company structured around 4 business units offering one of the widest portfolios for human In Vitro Diagnostic:



We base **the future** on a strong technical knowledge and expertise in the detection of human diseases.

Our last generation laboratories, state of the art technical equipment and skilled professionals are the keys for providing reliable solutions for the medical diagnostic professional.

“ Our products are available worldwide covering **more than 130 countries**. ”

## Rapid Test

### One-step immunochromatographic tests



**Certest Immunodiagnostic** products are the result of years of experience detecting the presence of antigens with the immunochromatographic lateral flow technique.

Our Rapid Test are easy to use, robust and stable diagnostic devices designed to provide the best performance in the simplest way and at the lowest associated operational costs.

The devices are based on the colored latex particles. Showing results on bands of different colors facilitates the interpretation of the results.

**Certest Immunodiagnostic** portfolio mainly covers the diagnostic of the gastrointestinal, respiratory infectious diseases, and the detection of inflammatory or tumor markers in the GI tract.



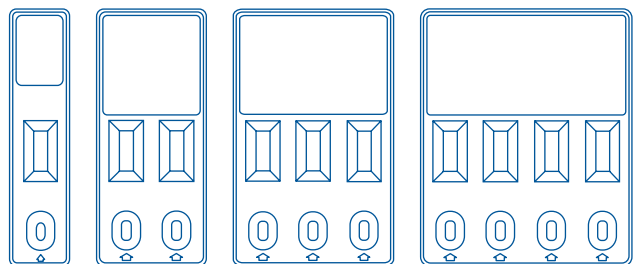
All **Rapid Test** kits are validated according to **ISO13485** and **CE marked**.

## Rapid Test. Formats

### Multianalyte combos

(1, 2, 3 or 4 strips)

- Single device, multiple tests from one sample.
- One sample, one preparation, panel testing.
- Multiple analytes diagnosed in 10 minutes.
- Reduced risk of sample and result mishandling.
- Operational efficiency.



Single

Combo

Triple

Quad

## Fecal antigens

One-step chromatographic immunoassays for the qualitative detection of antigens in stool samples.



### Viruses

- Rotavirus
- Adenovirus
- Astrovirus
- Norovirus (GI/GII)
- Enterovirus



### Bacteria

- *Helicobacter pylori*
- *Clostridium difficile* antigen GDH
- *Escherichia coli* O157
- *Campylobacter*
- *Salmonella*
- *Salmonella typhi*
- *Salmonella paratyphi*
- *Yersinia enterocolitica* O:3
- *Yersinia enterocolitica* O:9



### Parasites

- *Cryptosporidium parvum* (Crypto)
- *Giardia lamblia* (Giardia)
- Entamoeba

## Inflammatory and tumor markers

One-step chromatographic immunoassays for the semi quantitative detection of inflammatory and tumor markers in stool samples.



### Markers

- Hemoglobin (FOB)
- Transferrin
- Calprotectin
- Lactoferrin



Colorectal cancer is the second leading cause of illness and death in the Western world. It affects both men and women over their 50's.



/: **Certest Rapid Test** detects the presence of **antigens** in the sample.

## ■ Respiratory antigens

One-step chromatographic immunoassays for the qualitative detection of antigens from **respiratory samples**.



### Virus

- Influenza A (Flu A)
- Influenza B (Flu B)
- RSV (Respiratory Syncytial Virus)
- Respiratory Adenovirus
- **SARS-CoV-2**



### Bacteria

- *Strep. A*  
(*Streptococcus group A*)



COVID-19 is the infectious disease caused by the SARS-CoV-2 strain of coronavirus. By October 2020, more than 36.5 million cases and more than one million deaths associated with the virus had been recorded worldwide.

## ■ Urine

One-step chromatographic immunoassays for the qualitative detection of antigens in **urine samples**.



### Bacteria

- *Legionella*
- *Streptococcus pneumoniae*



The mortality rate from *Legionella pneumophila* infection ranges from 25-40%.



**/:** Dry Positive controls available for all products.

## Fecal antigens

## Respiratory antigens



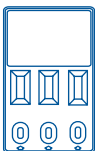
Rotavirus  
 Adenovirus  
 Astrovirus  
 Norovirus GI/GII  
 Enterovirus  
 Helicobacter pylori  
 Clostridium difficile antigen GDH  
 Escherichia coli O157  
 Campylobacter  
 Salmonella  
 Salmonella typhi  
 Salmonella paratyphi  
 Yersinia enterocolitica O:3  
 Yersinia enterocolitica O:9  
 Cryptosporidium parvum (Crypto)  
 Giardia lamblia (Giardia)  
 Entamoeba

Flu A  
 RSV  
 Resp. Adenovirus  
 Strep. A  
**SARS-CoV-2**



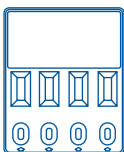
Rotavirus + Adenovirus  
 Norovirus GI + Norovirus GII  
 H. pylori + Transferrin  
 Clostridium difficile (GDH) + Lactoferrin  
 Clostridium difficile Toxin A + B  
 EHEC VT1 + VT2  
 Salmonella typhi + paratyphi  
 Yersinia enterocolitica O:3 + O:9  
 Crypto + Giardia

Flu A + Flu B  
 RSV + Resp. Adenovirus  
**SARS-CoV-2 + Flu A**



Rotavirus + Adenovirus + Astrovirus  
 Rotavirus + Adenovirus + Norovirus  
 Clostridium difficile GDH + Toxin A + Toxin B  
 E. coli O157 + VT1 + VT2  
 Crypto + Giardia + Entamoeba

Flu A + Flu B + RSV  
**SARS-CoV-2 + Flu A + Flu B**



Rotavirus + Adenovirus + Astrovirus + Norovirus  
 GDH + Toxin A + Toxin B + Lactoferrin

Flu A + Flu B + RSV + Resp. Adenovirus  
**SARS-CoV-2 + Flu A + Flu B + RSV**

## Inflammatory and tumor markers

## Urine

Test procedure (\*)



Positive  
result



Negative  
result

Hemoglobin (FOB)

Transferrin

Calprotectin

Lactoferrin

Legionella

Streptococcus pneumoniae

FOB 50 + 200

FOB + Transferrin

H. pylori + Transferrin

Calprotectin 50 + 200

Calprotectin + Lactoferrin

Clostridium difficile (GDH) + Lactoferrin

Streptococcus pneumoniae  
+ Legionella

FOB + Transferrin  
+ Calprotectin + Lactoferrin

GDH + Toxin A + Toxin B + Lactoferrin



(\*) Read instructions for a proper use

## Advantages:



Noninvasive diagnostic



All included. No additional equipment needed



Low operational costs



Immediate results



Ease of use and interpretation

**Certest Immunodiagnostic** offers simple, sensitive, specific screening assays for a presumptive diagnosis of infectious diseases.

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**More** than  
**diagnostics**

Certest Rapid Test/GEN-0323EN

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