

## FLUXERGY COVID-19

### SAMPLE-TO-ANSWER-RT-PCR TEST

#### TEST FOR SARS-CoV-2 IN ONE HOUR

Fluxergy's CoVID-19-Sample-to-Answer-RT-PCR test, which utilizes state-of-the-art PCR and microfluidics technology, has been shown to identify the SARS-CoV-2 virus in one hour. Fluxergy plans to bring its CE-marked products to the European market in February 2021.



1. Place Prepared Sample into Fluxergy Card



2. Insert Fluxergy Card into Fluxergy Analyzer



3. Get PCR Results in One Hour

- Simple Workflow designed for rapid testing
- Real-Time RT-PCR with no extraction required
- Sample: NP swab in VTM.
- Minimal hands-on time per sample
- Assay Target: SARS-CoV-2 N-gene and orflab gene
- Limit of Detection (LOD): 1 copy/uL or 0.89 TCID50/mL of sample





## ABOUT THE FLUXERGY ANALYZER SYSTEM

Fluxergy's simple workflow on a compact analyzer makes it ideal for use in laboratory or field settings. Potential environments for rapid testing applications include **emergency rooms, outpatient procedures, urgent care, workplace screening, mobile testing, and community level testing settings.**

Designed to deliver test results within one hour (15-60 minutes depending on the test). The Fluxergy Diagnostic Testing System consists of:

- Fluxergy Card - a single-use "lab-on-chip" consumable technology
- Fluxergy Analyzer - a highly integrated multidetection system
- Fluxergy Works software - an analysis and communication platform for test data



**Small Footprint:**  
 < 0.1 square meters



**Easy to Use:**  
 Start Testing in Minutes



**Easily Adaptable**  
 Multimodal Technology

## OUTLOOK - FUTURE COMBINATION TESTS AND SYNDROMIC PANELS

We are exploring saliva/throat/nasal swab sample types for our existing CoVID-19 test.

Our product development pipeline includes:

- an antibody test for IgG
- a combined test for SARS-CoV-2 RNA + COVID-19 IgG (a first in multimodal testing)
- a respiratory COVID-19/Influenza/RSV PCR panel

