

DIRECT RT-qPCR KIT

FOR THE DETECTION OF SARS-CoV-2

DI SARS-COV-2 REST DUPLEX



FLEXIBLE PROTOCOLS

 **Direct PCR**
Without prior extraction

Or

PCR
From extracted RNA

FREEZE-DRIED FORMAT

Room temperature shipping:
more economical/environmentally friendly and extended shelf life



REFERENCED KIT ON THE FRENCH COVID-19 PLATFORM OF THE MINISTRY OF SOLIDARITY AND HEALTH

<https://covid-19.sante.gouv.fr/tests>



FLEXIBLE

Validated on the main
real-time PCR instruments



RELIABLE

Presence of an
endogenous internal
control



FAST

Results in 1 hour



STABLE

Freeze-dried format stable
for 24 months



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DI SARS-COV-2 REST DUPLEX

DI SARS-COV-2 REST DUPLEX (DICOV-REST) is a qualitative RT-qPCR based detection system for SARS-CoV-2 RNA that can be used as a **first-intention** test from **nasopharyngeal swabs**.

DICOV-REST allows the specific amplification of three SARS-CoV-2 target sequences (one sequence on the N gene and two sequences on the RdRP gene), as well as an endogenous internal control.



Advantages

HIGHLY SPECIFIC AND SENSITIVE

- **CE-IVD marked**
- High sensitivity: PCR detection limit < 7 copies/PCR

ROBUST RESULTS

- Two target genes for the detection of SARS-CoV-2
- Endogenous internal control to ensure the validity of the analysis
- Validated on the main real-time PCR instruments

STABILITY AND RAPIDITY

- **Freeze-dried format:** shipping at room temperature
- Results obtained in 1 hour
- Can be used in **direct PCR** without prior extraction or from extracted RNA

SPECIFICATIONS

| | |
|---------------|--|
| METHOD | RT-qPCR - Duplex - Qualitative |
| SAMPLE | Nasopharyngeal swabs |
| TARGETS | N1, RdRP and GAPDH |
| THERMOCYCLERS | QuantStudio 5™ (Applied Biosystems), CFX OPUS 96- Time PCR Instrument (BIO-RAD) and LightCycler® 96 System (Roche) |
| PRODUCT NAME | DI SARS-CoV-2 REST DUPLEX |
| PRODUCT CODE | DICOV-REST-100 |