

Clarity™ COVID-19 RT-Digital PCR Kit

Intended Use

The Clarity™ Coronavirus Disease 2019 (COVID-19) RT- Digital PCR kit by JN Medsys provides all necessary reagents for the *in vitro* quantitative detection of the SARS-CoV-2 virus from respiratory specimens and serum samples. The kit targets the COVID-19 ORF1ab and N genes, as well as the human RNase P gene which serves as an internal control for monitoring specimen collection and the RT-Digital PCR process.



Clarity™ digital PCR system

Product Information

Test Principle	One-step RT-Digital PCR (TaqMan®-based detection)
Targets	Orf1ab, N1, N2 (COVID-19 Virus) and RNase P (Human)
Number of Tests	50/ kit
Time to Result	< 4 h
Specimen Type	<ul style="list-style-type: none"> • Respiratory specimens (e.g. Sputum, Nasopharyngeal or Oropharyngeal swabs, bronchoalveolar lavage and tracheal aspirates) • Serum
Instrument Required	Clarity™ Digital PCR system with FAM™ and HEX™ detection channels
Kit Storage	-20°C, avoid repeated freezing and thawing of kit contents

Reagents Supplied

Each kit provides reagents sufficient for performing 50 tests and consists of the following:

1. Clarity™ one-step RT-Digital PCR reagent
2. Ready-to-use primer and probe mixes for Orf1ab, N1, N2, and RNase P
3. Nuclease-free water
4. Positive Controls

Ordering Information

Product Name	Description	Catalogue Number
Clarity™ COVID-19 RT-Digital PCR Kit	50 Tests	10026

For enquiries, please email sales@jnmedsys.com.

For research use only