



Reliable testing of COVID-19 with RIDA[®]GENE SARS-CoV-2

Choose reliable real-time PCR technology when precision and speed matter.

The RIDA[®]GENE SARS-CoV-2 test is a multiplex real-time RT-PCR for the direct qualitative detection of coronavirus (SARS-CoV-2) RNA from human throat and nasopharyngeal swabs of people with symptoms of a respiratory infection. The test supports the differential diagnosis of a SARS-CoV-2 infection.

RIDA[®]GENE SARS CoV-2 Tests benefits:



Specific and sensitive

Qualitative specific detection of SARS-CoV-2 (E gene) from respiratory sample material. The most sensitive test in a comparison performed by WHO with 7 commercial diagnostic kits (*J Clin Virol* 2020; doi: 10.1016/j.jcv.2020.104412).



Practical

Optimized workflow using the RIDA[®]GENE Universal or RNA profile.



Flexible

The assay can be run on the commonly used real-time PCR instruments (e.g. RIDA[®]CYCLER, Mx3005P, LightCycler[®] 480II, ABI 7500 Fast Dx, CFX96[™] Dx or Rotor-Gene Q).



Compliant

Fulfills the WHO recommendation for areas where COVID-19 virus is widely spread, according to which the detection of a single specific SARS-CoV-2 target is sufficient.¹



Reliable

All controls (internal, positive, negative) are included in the kit.



Rapid

Results in less than 1,5 h. For processing on the Roche LC 480 II: Results within 1 h 10 min.

RIDA® GENE SARS-CoV-2 (Art. No. PG6815/PG6820)



- The disease caused by SARS-CoV-2 is officially named COVID-19 („Corona Virus disease 2019“) and is transmissible from person to person.²
- Worldwide, 3,925,815 cases have been reported (as of May 10, 2020).³
- The WHO declared an international health emergency on January 31, 2020.^{4,5}
- The result supports the physician with an important additional information whether the patient has a SARS-CoV-2 infection.
- An early diagnosis leads to an early treatment and thus can positively influence the disease progression.

Ordering information

| Product | Description | Matrix | Tests | Art. No. |
|--|---|---------------------------------------|-------|----------|
| Virus | Real-time PCR | | | |
| RIDA® GENE SARS-CoV-2 | Multiplex real-time RT-PCR for the direct qualitative detection of coronavirus (SARS-CoV-2) RNA from human throat and nasopharyngeal swabs of people with symptoms of a respiratory infection | Human throat and nasopharyngeal swabs | 100 | PG6815 |
| Only available within the EU and the EFTA countries | | | | |
| RIDA® GENE SARS-CoV-2 | Multiplex real-time RT-PCR for the direct qualitative detection of coronavirus (SARS-CoV-2) RNA from human throat and nasopharyngeal swabs of people with symptoms of a respiratory infection | Human throat and nasopharyngeal swabs | 200 | PG6820 |



1. <https://www.who.int/publications-detail/laboratory-testing-for-2019-novel-coronavirus-in-suspected-human-cases-20200117>
 2. <https://www.spiegel.de/wissenschaft/medizin/covid-19-weltgesundheitsorganisation-verkuendet-neuen-namen-des-coronavirus-a-810ce436-7081-43d2-b8e0-f0b315503e0b> access on 12.02.2020
 3. <https://covid19.who.int/> access on 11.05.2020
 4. <https://www.rki.de/DE/Content/Infekt/Ausbrueche/respiratorisch/Pneumonien-China.html>, access on 24.01.2020
 5. <https://www.rki.de/DE/Content/Infekt/Ausbrueche/respiratorisch/Pneumonien-China.html>, access on 03.02.2020