



New

Reliable testing of COVID-19 and Influenza with RIDA®GENE Flu & SARS-CoV-2

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

The RIDA®GENE Flu & SARS-CoV-2 test is a multiplex real-time RT-PCR for the direct qualitative detection and differentiation of flu A/flu B and coronavirus (SARS-CoV-2) RNA in human nasal/throat swabs from persons with signs and symptoms of respiratory infection.

RIDA®GENE Flu & SARS CoV-2 benefits:



Specific and sensitive

Qualitative detection and differentiation of Influenza A/B (M gene/NP1 gene) and SARS-CoV-2 (E gene; RdRp gene) respiratory sample material.



Practical

Optimized workflow using the RIDA®GENE Universal profile .



Flexible

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



Reliable

Detection of two specific gene fragments for SARS-CoV-2 within the E gene and RdRp gene.



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.

Molecular diagnostics of Influenza & COVID-19

- Worldwide 29.356.292 cases have been reported (as of September 16, 2020).¹ The WHO declared an international health emergency on January 31, 2020.^{2,3}
- SARS-CoV-2 and influenza viruses share some similarities. For instance, the primary route of transmission for both of these pathogens is the airborne route through virus-laden respiratory droplets generated by breathing, coughing, talking, and sneezing.^{4,5}
- Since SARS-CoV-2 disease courses can vary greatly in symptoms and severity (from asymptomatic to severe pneumonia with lung failure and death), the differentiation of SARS-CoV-2 and influenza viruses is important for further therapy.
- The result supports the physician with an important additional information whether the patient has a influenza virus or SARS-CoV-2 infection.
- An early diagnosis leads to an early treatment and thus can positively influence the disease progression.



Ordering information

Product	Description	Tests	Matrix	Art. No.
Virus	Real-time PCR			
RIDA® GENE Flu & SARS-CoV-2	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of flu A/flu B and coronavirus (SARS-CoV-2) RNA in human nasal/throat swabs from persons with signs and symptoms of respiratory infection	200	Human nasal/throat swabs	PG6825



1. <https://covid19.who.int/>. Accessed on September 16, 2020

2. <https://www.rki.de/DE/Content/Infekt/Ausbrueche/respiratorisch/Pneumonien-China.html>. Accessed on January 24, 2020

3. <https://www.rki.de/DE/Content/Infekt/Ausbrueche/respiratorisch/Pneumonien-China.html>. Accessed on February 3, 2020

4. https://www.rki.de/DE/Content/InfAZ/N/Neuartiges_Coronavirus/Steckbrief.html. Accessed on September 16, 2020

5. https://www.rki.de/DE/Content/InfAZ/I/Influenza/IPV/Influenza.html?cms_box=1&cms_current=Influenza&cms_lv2=2961756. Accessed on September 16, 2020