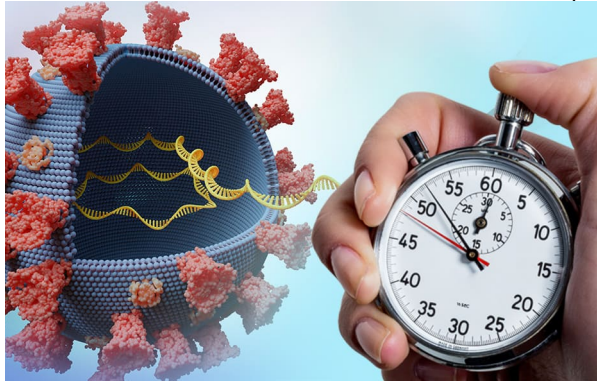


1 **product announcement**

2 **ViroQ Rapid SARS-CoV-2 – for faster results**

3



11

Lich, October, 14th 2020 – To enable an even more efficient sample throughput, BAG Diagnostics GmbH has perfected its well-established real-time PCR kit for the detection of SARS-CoV-2: With ViroQ Rapid SARS-CoV-2, valid results are now

12 *available after less than 60 minutes instead of 90 minutes. The optimized PCR*
13 *protocol enables laboratories to evaluate an entire test run more per day.*

14

15 The increasing number of people infected with the corona virus worldwide
16 requires a high volume of reliable rapid tests. In order to deliver valid results
17 quickly, the established German company BAG Diagnostics has optimized the
18 PCR protocol of the certified rapid test ViroQ SARS-CoV-2. With ViroQ Rapid
19 SARS-CoV-2, laboratories can now make statements on the available sample
20 material in less than 60 minutes.

21

22 **Fast One-Step Real-time PCR**

23 ViroQ Rapid SARS-CoV-2 is designed for the specific detection of the viral
24 RNA genes E and RdRP of SARS-CoV-2 from throat/nose swabs. In the test
25 kit the RNA is transcribed from SARS-CoV-2 (COVID-19) to cDNA in the first
26 step of the PCR protocol. This cDNA is amplified in the same, now optimized
27 real-time PCR protocol. The modified PCR protocol is applicable to both kit
28 variants of ViroQ. The fluorescent dyes used are compatible with the common
29 real-time cyclers. Therefore, laboratories remain independent from dedicated
30 providers.

31

32 **Cell material check for valid test results**

33 The tapping of tracheal secretion and sputum is a difficult procedure: If one
34 proceeds too forcefully, blood impurities can worsen the performance. If you

35 are too reluctant, you will get an inadequate tap with too less cell material. To
36 make sure that there is enough cell material for a detection, the ViroQ Rapid
37 SARS-CoV-2 Kit checks whether a human gene that is universally existing in
38 cells is present in sufficient quantity. The PCR test excludes false negative
39 results caused by insufficient samples.

40

41 **No cooling for transport**

The ViroQ Rapid SARS-CoV-2 test kits – just like the ViroQ SARS-CoV-2 variant – can be shipped uncooled. A control temperature of -20 degrees Celsius is only necessary for storage.

The test is available immediately. Detailed information: <https://www.bag-diagnostics.com>

This text has 2,271 characters including spaces. Further information and a wide variety of images are available in electronic form at kerstin.probst@satzanfang.com. A specimen copy to the agency is requested.

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About BAG

BAG Diagnostics GmbH, which is part of BAG Holding, is a traditional family business of the Sachsenberg family, which was founded in 1947 by Gotthard Sachsenberg. Dr. med. Nicolas Sachsenberg is the 3rd generation of the Sachsenberg family to direct the fortunes of BAG. The success story began with development laboratories in the rooms of Solms' castle in Lich, Hesse. Today BAG is a worldwide operating company for health care products for safe medical treatment. It develops, produces and distributes in-vitro diagnostics based on the latest research. As a pharmaceutical contract manufacturer, BAG Health Care is specialized in the production of parenteralia and lyophilisates.