

Press Release

Accelerō Receives Authority Permit for SARS-CoV-2 Testing

Berlin, 23 March 2020

Accelerō Bioanalytics GmbH (“Accelerō”) has received the authority permit for processing and analysis of SARS-CoV-2 in biological samples.

The Berlin State Office for Occupational Safety, Health Protection, and Technical Safety (LAGetSi) as well as the local Health Department in Treptow-Köpenick both allowed the processing and analysis of upper and lower respiratory specimen (swabs, sputum, bronchoalveolar lavage) via SARS-CoV-2 specific RTqPCR assays (as exemplary shown in Figure 1).

The company will also work on immunological assays for innate immune response monitoring like IgG and/or IgM detection and titer determination against SARS-CoV-2 in human serum.

Accelerō can also provide FluoroSpot assays for direct and sensitive detection of IgG secreting cells in response to SARS-CoV-2 stimulation in vitro.

All services will be provided in full compliance to Good Laboratory Practice (GLP) regulations.

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For our international customers as well as clients from the Berlin area, please direct your questions and service requests (in English or German) to the following email address:

covid19@accelero-bioanalytics.com

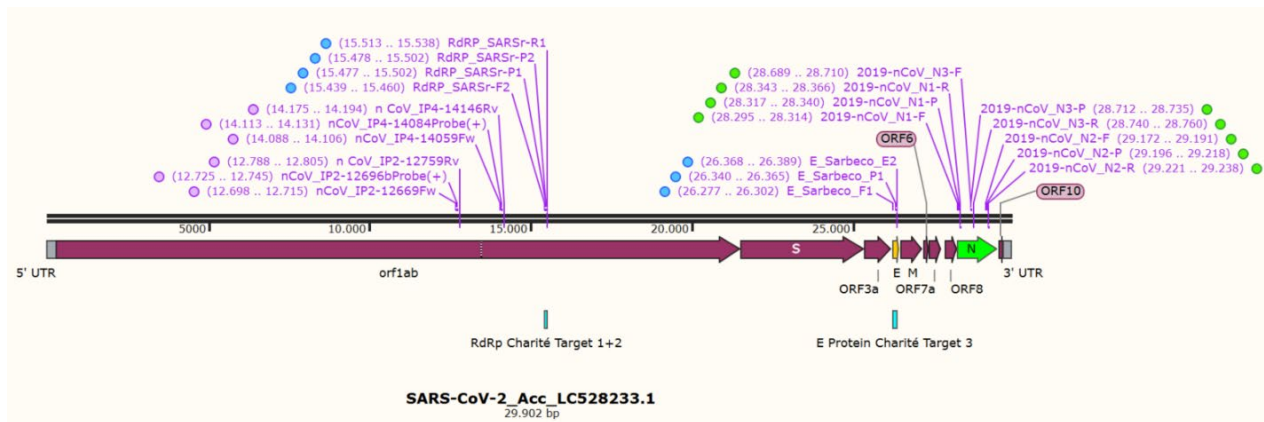


Figure 1. Available RTqPCR Assays for SARS-CoV-2 Detection.

The figure shows the genomic organization of a SARS-CoV-2 RNA genome isolated and sequenced from a patient in a Japanese cruise ship (Severe acute respiratory syndrome coronavirus 2 SARS-CoV-2/Hu/DP/Kng/19-027 RNA, complete genome. Acc. No. LC528233, Hishiki T et al, 29-FEB-2020).

Accelero provides three different assay formats:

- RTqPCR assays published by Institut Pasteur, Paris, FRANCE
Targeting the genes RdRp IP2, RdRp IP4 and E, respectively.
- RTqPCR assays published by the CDC, Atlanta, UNITED STATES
Targeting the nucleocapsid phosphoprotein
- RTqPCR assays published by the Charité, Berlin, GERMANY
Targeting the genes RdRp and E, respectively.

A sample is supposed to be positive for SARS-CoV-2 only if all three consecutive assays give a positive signal within the assay acceptance criteria.

For additional information on Accelero’s services, please feel free to use our website contact form, or send us an email to [service\(at\)accelero-bioanalytics.com](mailto:service(at)accelero-bioanalytics.com). The Accelero team will be happy to assist you.

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