

2019 Novel Coronavirus (2019-nCoV)

TECHNICAL ::: NOTE

In December of 2019, an outbreak caused by a novel coronavirus (2019-nCoV) began in Wuhan City, Hubei Province, China. The full genome of this newly discovered betacoronavirus was released by the Chinese Center for Disease Control and Prevention, the Chinese Academy of Science and the Chinese Academy of Medical Science through the GISAID Initiative (<https://www.gisaid.org/>).

Through bioinformatic analysis of the released genomes (as of January 14, 2020), BioFire Diagnostics does not predict cross-reactivity with the 2019-nCoV with any FilmArray Coronavirus assay. This includes the Coronavirus 229E, HKU1, NL63 and OC43 assays on the BioFire® FilmArray® Respiratory Panels (RP, RP-EZ, RP2) and the BioFire® FilmArray® Pneumonia Panel as well as the Middle East Respiratory Syndrome Coronavirus (MERS-CoV) assays on the BioFire® FilmArray® Respiratory Panel 2 *plus* (RP2*plus*) and the BioFire® FilmArray® Pneumonia Panel *plus*.

Please refer to the CDC and WHO for guidelines on testing specimens from patients under investigation (PUIs) for 2019 Novel Coronavirus (2019-nCoV).

- <https://www.cdc.gov/coronavirus/2019-nCoV/guidelines-clinical-specimens.html>
- <https://www.who.int/health-topics/coronavirus/laboratory-diagnostics-for-novel-coronavirus>

Technical Support Contact Information

BioFire is dedicated to providing the best customer support available. If you have any questions or concerns about this process, please contact the FilmArray Technical Support team for assistance.

BioFire Technical Support

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