**SARS-CoV-2 Sequencing Test Report**

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**Patient:** {{Patient.Name}} **SSN:** {{Patient.SocialSecurityNumber}}

**DOB:** {{Patient.FormattedDateOfBirth}} **Ordering Site:** {{Patient.OrderingSite}}

**Collection Date/Time:** Dec 4, 2020 **Ordering Physician:** {{Patient.OrderingPhysician}}

**Site Accession No:** PA 23304-121 **PraediGene Accession No:** {{Patient.PraediGeneAccessionNumber}}

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**Received Date/Time:** {{ResistanceTest.FormattedReceivedDate}} **Test Date:** {{ResistanceTest.FormattedTestDate}}

**Report Date/Time:** {{ResistanceTest.FormattedReportDate}}**Sample Type:** {{ResistanceTest.SampleType}}

**Test Performed:** {{ResistanceTest.TestPerformed}}a

**Results:**

**{{ResultSummary}}**

**NextClade: {{NextClade}}**

**Pango lineage: {{PangoLineage}}**

|  |  |  |  |
| --- | --- | --- | --- |
| **Gene** | **Mutation Detected**b | **Zygosity** | **Mutation Type** |
| **{{ResultSet.Gene}}** | **{{ResultSet.MutationDetected}}** | **{{ResultSet.Zygosity}}** | **{{ResultSet.MutationType}}** |

**Interpretation:** {{Interpretation}}c

**Comments:** {{Comments}}

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a This test uses next generation sequencing to determine the consensus nucleotide and resulting amino acid sequence of SARS-CoV-2 compared to a reference sequence. The FDA has not approved or cleared this test; however, FDA clearance or approval is not currently required for public health use. Interpretations of CDC variants of concern and interest are drawn from updated guidance of the CDC website (<https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/variant-surveillance/variant-info.html>). Results were analyzed with the Pangolin lineage assignment application (<https://cov-lineages.org/pangolin.html>) and Nextclade assignment and mutation calling application (<https://clades.nextstrain.org>). The results are not intended to be used as the sole means for clinical diagnosis or patient management decisions.

b Human Genome Variation Society nomenclature.

c https://www.biorxiv.org/content/10.1101/2021.03.24.436620v1.full

https://www.biorxiv.org/content/10.1101/2021.02.14.431043v2.full