

Advanta SARS-CoV-2 Mutation Assay Panel

Kit Part Number: 102-1340

Purpose

The Advanta™ SARS-CoV-2 Mutation Assay Panel contains reagents to detect two targets in the nucleocapsid protein (N1 and N2), one deletion, and five RNA base substitutions in the spike protein of the SARS-CoV-2 virus along with a positive control and the human RNase P gene. As a SARS-CoV-2 application it can be used for research and surveillance related to CDC and WHO identified Variants of Concern. The Advanta SARS-CoV-2 Mutation Assay Panel is for Research Use Only. Not for use in diagnostic procedures.

The kit contains sufficient reagents for 10 IFCs.

Contents

102-1340, Advanta SARS-CoV-2 Mutation Assay Kit

Part Number	Component	Cap Color	Volume/Unit	Unit Quantity	Storage
102-0687	RP Oligo Mix (RUO)	● No color	170 µL/tube	1 tube	-20 °C
102-0688	2019-nCoV_N1 Oligo Mix (RUO)	● No color	370 µL/tube	1 tube	-20 °C
102-0689	2019-nCoV_N2 Oligo Mix (RUO)	● No color	370 µL/tube	1 tube	-20 °C
102-1324	Mutation Preamp Primer Pool	○ White	7.5 mL/bottle	2 bottles	-20 °C
102-1325	Δ69-70 Mutant Oligo Mix	● No color	30 µL/tube	1 tube	-20 °C
102-1326	Δ69-70 Wild Type Oligo Mix	● No color	30 µL/tube	1 tube	-20 °C
102-1327	E484K Mutant Oligo Mix	● No color	30 µL/tube	1 tube	-20 °C
102-1328	E484K Wild Type Oligo Mix	● No color	30 µL/tube	1 tube	-20 °C
102-1329	K417N Mutant Oligo Mix	● No color	30 µL/tube	1 tube	-20 °C
102-1330	K417N Wild Type	● No color	30 µL/tube	1 tube	-20 °C
102-1331	K417T Mutant Oligo Mix	● No color	30 µL/tube	1 tube	-20 °C
102-1332	K417T Wild Type Oligo Mix	● No color	30 µL/tube	1 tube	-20 °C
102-1333	L452R Mutant Oligo Mix	● No color	30 µL/tube	1 tube	-20 °C
102-1334	L452R Wild Type Oligo Mix	● No color	30 µL/tube	1 tube	-20 °C
102-1335	Mutation Positive Control	● Teal	20 µL/tube	1 tube	-20 °C
102-1336	N501Y Mutant Oligo Mix	● No color	30 µL/tube	1 tube	-20 °C
102-1337	N501Y Wild Type Oligo Mix	● No color	30 µL/tube	1 tube	-20 °C

Handling

Before using the reagents, see the Advanta SARS-CoV-2 Mutation Assay Panel Protocol (FLDM-00479).

Safety

Use standard laboratory safety protocols. Read and understand the safety data sheets (SDSs) before handling chemicals. To obtain SDSs, go to fluidigm.com/sds and search for the SDS using either the product name or the part number.

For technical support visit techsupport.fluidigm.com.

North America +1 650 266 6100 | Toll-free (US/CAN): 866 358 4354 | techsupport@fluidigm.com **Latin America** +1 650 266 6100 | techsupportlatam@fluidigm.com
Europe/Middle East/Africa/Russia +33 1 60 92 42 40 | eu.support@fluidigm.com **China (excluding Hong Kong)** +86 21 3255 8368 | techsupportchina@fluidigm.com
Japan +81 3 3662 2150 | techsupportjapan@fluidigm.com **All other Asian countries/India/Australia** +1 650 266 6100 | techsupportasia@fluidigm.com

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