Anchor COVID19/Influenza/RSV Reference Panel

NAME AND INTENDED USE

The Anchor COVID19/Influenza/RSV Reference Panels are intended for use by clinical labs and assay manufacturers to establish a quantitative molecular-based assay for SARS-COV-2, Influenza A, Influenza B, Respiratory syncytial virus (RSV) A or B.

PRODUCT DESCRIPTION

The Anchor COVID19/Influenza/RSV Reference Panel is made from a non-pathogenic recombinant RNA virus. The virus carries complete sequences (Wuhan-Hu-1, NC_045512.2), complete segments 7 and 8 of influenza A and B (M and NS genes), and the most conserved regions on RSV A and B. The target titers are 0, 1000, 10000, 100,000 and 1000,000 copies/ml. For the exact value of a specific lot, please refer to the Certificate of Analysis (CoA).

INSTRUCTION FOR USE

Make sure the sample is thawed and homogenous before use. For best result, each member of the Anchor COVID19/Influenza/RSV Reference Panel should be treated exactly the same way as a patient sample after its transfer to a virus transfer medium.

STORAGE AND HANDLING

The product should be stored at -20°C or below. Avoid repeated freeze-thaw cycles. Do not use the product beyond its expiration date.

LIMITATIONS

The Anchor COVID19/Influenza/RSV Reference Panel should not be diluted without appropriate validation. For research use only.

SAFETY PRECAUTIONS

Use CDC's recommended universal precautions for handling reference materials and human specimens. Do not pipette by mouth. Do not smoke, eat, or drink in areas where specimens are being handled. Clean any spillage by immediately wiping with 0.5% sodium hypochlorite solution. Dispose of all specimens and materials used in testing as though they contain infectious agents.

EXPECTED RESULTS & INTERPRETATION OF RESULTS

Although in-house quantitation results were provided in the CoA, each laboratory must establish an assay-specific expected value for each panel member. When the results for the product significantly deviate from values on the CoA, it may indicate an unsatisfactory test performance. Possible sources of error include: deviation from instruction for use, deterioration of test kit reagents, operator error, faulty performance of equipment, contamination of reagents, etc.

REFERENCES

CDC resources for labs: 2019-Novel Coronavirus (2019-nCoV) Real-time rRT-PCR Panel Primers and Probes. https://www.cdc.gov/coronavirus/2019-ncov/downloads/rt-pcr-panel-primer-probes.pdf.

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