

Resource Summary Report

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Influenza B virus YAMAGATA lineage TaqMan 2018 / FluB-YAMA-TM2018

DOI:10.17504/protocols.io.rdid24e

Type: Protocol

Proper Citation

Ian Mackay, Judy Northill 2018. Influenza B virus YAMAGATA lineage TaqMan 2018 / FluB-YAMA-TM2018. protocols.io dx.doi.org/10.17504/protocols.io.rdid24e

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.rdid24e>

Authors: Ian Mackay, Judy Northill

Group: Public Health Virology, Forensic and Scientific Services

Summary: This protocol was designed and developed at this laboratory. The protocol specifically aims to amplify strains of Influenza B YAMAGATA virus lineage and not strains of the VICTORIA virus lineage or other virus species. The assay targets the haemagglutinin (HA) region and is designed as a qualitative lineage-typing test for human cases of seasonal influenza virus type B infections. FluB-YAMA-TM2018 is ideally used alongside its companion protocol, "Influenza B virus VICTORIA lineage TaqMan 2018" (FluB-VICT-TM2018), which aims to target influenza B virus VICTORIA lineage strains exclusively. The two assays perform best as UNIPLEX protocols; a drop in sensitivity was observed when combined in a DUPLEX format.

Affiliations: Public Health Virology, Forensic and Scientific Services, Public Health Virology, Forensic and Scientific Services

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