

Resource Summary Report

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Measles virus TaqMan RT-PCR (F gene; no longer in regular use; see Guidelines)

DOI:10.17504/protocols.io.8b9hsr6

Type: Protocol

Proper Citation

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Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.8b9hsr6>

Authors: Mitchell Finger, Michael Lyon, Judy Northill, Ian Mackay

Group: Public Health Virology, Forensic and Scientific Services

Summary: This real-time TaqMan-MGB RT-PCR protocol aimed to amplify measles virus (MeV) strains and not other viruses. Michael Lyon and Mitchell Finger designed the assay in 2009 using Primer Express software. The method was later published by Greg Smith in 2010 (see below). The assay targets the fusion (F) gene region and is designed as a qualitative test for investigating MeV infection of humans. This was a past assay that we no longer in use. For our favoured Measles virus TaqMan test, please refer to the MeV N TaqMan protocol.

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

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