

H1N1 (SWINE FLU) QUALITATIVE, PCR

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(Real Time PCR)

Influenza A
H1N1 Influenza A (H1N1 , 2009)
H1N1 Influenza A (H1N1 , 2009) subtype
H1
RNase P

Interpretation

RESULT	REMARKS
All 4 targets positive	Positive for H1N1 (Swine flu)
Only RNase P positive	Negative for H1N1 (Swine flu)
3 out of 4 targets positive	Inconclusive. As per CDC guidelines a repeat sample is recommended
All 4 targets negative	Repeat sample is recommended

Note:

1. Negative result does not rule out the possibility of H1N1 infection. Presence of inhibitors, mutations & insufficient organism RNA can influence the result.
2. RNase P serves as an internal control
3. Test conducted as per protocol of CDC Atlanta, USA and NCDC, New Delhi
4. Kindly consult referring Physician / Authorized Govt. hospital for appropriate followup

Comments

Swine flu (H1N1) virus belongs to the family of Influenza A viruses. This assay detects 4 targets of which the first target detects Influenza A; second & third targets detect H1N1 Influenza A (H1N1, 2009) & H1N1 Influenza A (H1N1, 2009) subtype H1; fourth target as RNase P gene serves as a positive control for the presence of human nucleic acid. RNase P target is usually positive in all samples.