

Cell line name	MHHi036-A
Passage No.	8
Date of testing	29.07.2024
Protocol	8.4a Testing for remaining Sendai virus_CytoTune 2.0 via TaqMan (qPCR)
Samples	1. Negative control (H2O) 2. Positive control (C0474-1:10) 3. cDNA from sample RNA

Test

Sendi Virus vectors (SeV: all Sendi vectors, SeV Klf4, SeV cMyc, SeV KOS) presence was tested by qPCR according to Protocol 8.04a Testing for remaining Sendai virus CytoTune 2.0 via Taqman (qPCR). 45SRNA and GAPDH were used as positive amplification controls. The following CT value cut-offs were determined empirically.

Vector	CT value = positive sample	CT value = negative sample
SeV	≤30	>30
SeV-Klf4	≤35	>35
SeV-cMyc	≤33	>33
SeV-KOS	≤34	>34

Results

Sample	SeV CT	SeV-KOS CT	SeV-Klf4 CT	SeV-c-Myc CT	Result
1.	UNDETERMINED	UNDETERMINED	UNDETERMINED	UNDETERMINED	Passed
2.	18,19	26,36	27,01	24,15	Passed
3.	UNDETERMINED	UNDETERMINED	UNDETERMINED	UNDETERMINED	Sendai Virus Negative

Conclusion

The cell line is tested negative for Sendai virus.

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