

Anhang zu „Koordinierte Etablierung eines H5-Influenza-A-Virus-Tests in akademischen Versorgungslaboren im deutschsprachigen Raum“

Kit	Cycler	IVT-1, Ct	IVT-2, Ct	Anzahl IDs
Taq Man™Virus 1-Step Master Mix	ABI7500	20,5–22,2	18,2–18,7	2
QIAGEN QuantiTect Probe RT-PCR Kit	ABI7500	23,7	21,2	1
QIAGEN Quanti Fast Probe RT-PCR MMX	ABI7500	*	*	1
AgPath-ID One-Step RT-PCR Reagents	ABI7500	20,8	18,3	1
QuantaBio qScript XLT 1-Step RT-qPCR ToughMix	Agilent AriaMx	25,9	22,4	1
Adaption der Enzyme/Puffer aus Seegene GI-Virus plus Assay kit	Analytik Jena qTOWER	23,6	22,8	1
Roche Nxt Script Reaction Mix; Nxt Script RT; custom made for our Lab in Penzberg	Applied Biosystems, StepOne Plus Instrument	22,5	18,0	1
Roche LightCycler® Multiplex RNA Virus Master ^{\$}	Biorad CFX96	21,5–25,6	19,0–22,2	3
TaqMan™ Fast Virus 1-Step Master Mix for qPCR	Biorad CFX96	23,4	20,8	1
QIAGEN QuantiTect Probe RT-PCR Kit	Bio-Rad CFX96	27,2	23,4	1
Roche LightCycler® Multiplex RNA Virus Master ^{\$}	LC2.0	22,9–26,9	20,3–24,1	2
Invitrogen™ Superscript One-Step RT-PCR	LC2.0	21,9	20,2	1
Roche LightCycler® Multiplex RNA Virus Master ^{\$}	LC480II	17,9–25,6	16,1–23,3	9
TibMolBiol 1-step RT-PCR Polymerase Mix	LC480II	23,2	20,8	1
QIAGEN Quanti Nova® Multiplex RT-PCR-Kit	LC480II	neg	19,9	1
n. a.	LC480	24,4	19,4	1
Roche LightCycler® Multiplex RNA Virus Master ^{\$}	LC96	23,1	18,8–19,4	2
Invitrogen™ Superscript One-Step RT-PCR	LC96	n. d.	n. d.	1
NEB Protocol for Luna® Probe One-Step RT-qPCR 4X Mix with UDG	Mic	26,1	19,9	1
Roche LightCycler® Multiplex RNA Virus Master ^{\$}	MicCycler IVD der Firma Biotentific	24,4	22,2	1
Roche LightCycler® Multiplex RNA Virus Master ^{\$}	Quantstudio 5 (Thermo Fisher)	22,7	19,0	1
Roche LC Multiplex RNA Virus Master Mix Kit ^{\$}	Roche Cobas z480	*	*	1
n. a.	Rotor-Gene Q	21,6	17,9	1
NEB Luna® Universal One-Step RT-qPCR Kit	Thermo Fisher Quantstudio Q5	28,6	20,3	1
n. a.	n. a.	34,0	25,0	1

Tab. 2 | Übersicht über verwendete Kits und Cycler

\$ = im Standard Operating Procedure (SOP) spezifizierte PCR-Kit; * = kein Ct-Wert gelistet; n. d. = nicht detektiert; n. a. = keine Antwort; PCR = Polymerasekettenreaktion; RT = reverse Transkriptase; LC = Light Cycler; IVT = *in-vitro*-Transkripte; ID = Identifikationsnummer