

CORRECTION

Correction: Analytical Sensitivity Comparison between Singleplex Real-Time PCR and a Multiplex PCR Platform for Detecting Respiratory Viruses

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There are errors in Table 3. The LOD reported for VR-92, VR-1540, and VR-955 is incorrect. Please see the corrected Table 3 here.

Table 3. Relationship between TCID₅₀/mL concentrations and copy number.

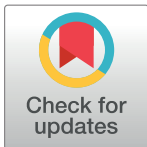
ATCC Culture		Genome Copies/TCID ₅₀ (± SD)	LOD for GenMark eSensor assays (TCID ₅₀ /mL)
VR-1	Adenovirus Type 1 (C)	7 ± 1	8.89 × 10 ¹
VR-1572	Adenovirus Type 4 (E)	124 ± 14	1.58 × 10 ¹
VR-547	Influenza A/H3 (Aichi)	0.01 ± 0	1.58 × 10 ³
VR-1736	Influenza A/H1N1	2,381 ± 1,048	1.05 × 10 ⁻¹
VR-101	Influenza B	16 ± 44	3.16 × 10 ⁻¹
VR-94	Human Parainfluenza Virus Type 1 (C35)	391 ± 0	2.81 × 10 ⁻²
VR-92	Human Parainfluenza Virus Type 2 (Greer)	0.03 ± 0.01	2.81 × 10 ⁰
VR-93	Human Parainfluenza Virus Type 3 (C243)	24 ± 1	2.81 × 10 ¹
VR-1540	Respiratory Syncytial Virus (A2)	6 ± 1	2.81 × 10 ⁰
VR-955	Respiratory Syncytial Virus (B9320)	38 ± 3	1.58 × 10 ⁰
VR-483	Rhinovirus 3 FEB	53,797 ± 0	1.58 × 10 ⁻³

SD = standard deviation, SD could not be calculated for VR-547, VR-94, and VR-483 since the TCID₅₀/mL concentration exceeded the detection limit on the qPCR assay.

<https://doi.org/10.1371/journal.pone.0205483.t001>

Reference

1. Parker J, Fowler N, Walmsley ML, Schmidt T, Scharrer J, Kowaleski J, et al. (2015) Analytical Sensitivity Comparison between Singleplex Real-Time PCR and a Multiplex PCR Platform for Detecting Respiratory Viruses. PLoS ONE 10(11): e0143164. <https://doi.org/10.1371/journal.pone.0143164> PMID: 26569120



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