

Assessment of Real-Time RT-PCR Kits for SARS-CoV-2

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Detection of SARS-COV N2 Gene: Very low amounts of viral RNA or false positive?. Journal of Clinical Virology, 2020, 133, 104660.	1.6	27
2	Molecular diagnostic technologies for COVID-19: Limitations and challenges. Journal of Advanced Research, 2020, 26, 149-159.	4.4	254
3	Analytical and Clinical Validation for RT-qPCR Detection of SARS-CoV-2 Without RNA Extraction. Frontiers in Medicine, 2020, 7, 567572.	1.2	12
4	A SARS-CoV-2 variant with the 12-bp deletion at E gene. Emerging Microbes and Infections, 2020, 9, 2361-2367.	3.0	16
5	A Prospective, Randomized, Open-Label Trial of Early versus Late Favipiravir Therapy in Hospitalized Patients with COVID-19. Antimicrobial Agents and Chemotherapy, 2020, 64, .	1.4	177
6	Symptoms, epidemiology and diagnosis: A mini-review on coronavirus. African Journal of Biotechnology, 2020, 19, 763-772.	0.3	1
7	Evaluation of the commercially available LightMix® Modular E-gene kit using clinical and proficiency testing specimens for SARS-CoV-2 detection. Journal of Clinical Virology, 2020, 129, 104476.	1.6	45
8	High-Throughput Transcription-mediated amplification on the Hologic Panther is a highly sensitive method of detection for SARS-CoV-2. Journal of Clinical Virology, 2020, 129, 104501.	1.6	84
9	Double-quencher probes improve detection sensitivity toward Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) in a reverse-transcription polymerase chain reaction (RT-PCR) assay. Journal of Virological Methods, 2020, 284, 113926.	1.0	59
10	Clinical Evaluation of Self-Collected Saliva by Quantitative Reverse Transcription-PCR (RT-qPCR), Direct RT-qPCR, Reverse Transcription-Loop-Mediated Isothermal Amplification, and a Rapid Antigen Test To Diagnose COVID-19. Journal of Clinical Microbiology, 2020, 58, .	1.8	325
11	Genetics and genomics of SARS-CoV-2: A review of the literature with the special focus on genetic diversity and SARS-CoV-2 genome detection. Genomics, 2021, 113, 1221-1232.	1.3	126
12	Analytical methodologies for the detection of SARS-CoV-2 in wastewater: Protocols and future perspectives. TrAC - Trends in Analytical Chemistry, 2021, 134, 116125.	5.8	88
13	Rapid adaptation and continuous performance evaluation of SARS-CoV-2 envelope gene (E-gene) real-time RT-PCR assays to support the hospital surge in test demand. Journal of Medical Virology, 2021, 93, 1824-1827.	2.5	4
14	Detection of RNA viruses from influenza and HIV to Ebola and SARS-CoV-2: a review. Analytical Methods, 2021, 13, 34-55.	1.3	22
15	Comparison of 12 Molecular Detection Assays for Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2). Journal of Molecular Diagnostics, 2021, 23, 164-170.	1.2	29
16	Clinical validation of quantitative SARS-CoV-2 antigen assays to estimate SARS-CoV-2 viral loads in nasopharyngeal swabs. Journal of Infection and Chemotherapy, 2021, 27, 613-616.	0.8	38
17	Assessment and management of asymptomatic COVID-19 infection: A systematic review. Travel Medicine and Infectious Disease, 2021, 41, 102058.	1.5	16
18	Comparative performance and cycle threshold values of 10 nucleic acid amplification tests for SARS-CoV-2 on clinical samples. PLoS ONE, 2021, 16, e0252757.	1.1	10

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19	Current Perspectives in the Discovery of Newer Medications Against the Outbreak of COVID-19. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 648232.	1.6	1
20	Peripheral oxygen saturation to inspiratory oxygen fraction ratio-based identification of critically ill coronavirus disease patients for early therapeutic interventions. <i>Journal of Anesthesia</i> , 2021, 35, 827-836.	0.7	2
22	COVID-19: SARS-CoV-2 susceptibility in healthcare workers – cluster study at a German Teaching Hospital. <i>4open</i> , 2020, 3, 6.	0.1	5
25	Accurate detection and quantification of SARS-CoV-2 genomic and subgenomic mRNAs by ddPCR and meta-transcriptomics analysis. <i>Communications Biology</i> , 2021, 4, 1215.	2.0	10
27	Prolonged SARS-CoV-2 Positivity in Immunocompetent Patients: Virus Isolation, Genomic Integrity, and Transmission Risk. <i>Microbiology Spectrum</i> , 2021, 9, e0085521.	1.2	7
28	True or false: what are the factors that influence COVID-19 diagnosis by RT-qPCR?. <i>Expert Review of Molecular Diagnostics</i> , 2022, 22, 157-167.	1.5	10
29	Saliva as a diagnostic specimen for SARS-CoV-2 detection: A scoping review. <i>Oral Diseases</i> , 2022, 28, 2362-2390.	1.5	6
31	Quantitative and ultrasensitive in situ immunoassay technology for SARS-CoV-2 detection in saliva. <i>Science Advances</i> , 2022, 8, .	4.7	14
32	Detection of SARS-CoV-2 Genome for over 100 Days after COVID-19 Onset. <i>Japanese Journal of Infectious Diseases</i> , 2022, , .	0.5	1
33	Host transcriptional responses in nasal swabs identify potential SARS-CoV-2 infection in PCR negative patients. <i>Science</i> , 2022, 25, 105310.	1.9	2
34	Assessment of QuantuMDx Q-POC Assay for Rapid Detection of SARS-CoV-2 Using Middle Turbinate Swabs. <i>Microbiology Spectrum</i> , 2023, 11, .	1.2	2