

Daftar Rekomendasi Reagen / Kit RT-PCR COVID-19

Diperbaharui tanggal 15 April 2020
Gugus Tugas Percepatan Penanganan COVID-19

Rekomendasi Reagen / Kit RT-PCR COVID-19

1. *CDC 2019-Novel Coronavirus (2019-nCoV) Real-Time RT-PCR Diagnostic Panel (CDC) Laboratory Test Kit* – CDC (Centers for Disease Control and Prevention), Amerika Serikat
2. *New York SARS-CoV-2 Real-time Reverse Transcriptase (RT)-PCR Diagnostic Panel (Wadsworth Center, NYSDOH) Laboratory Test Kit* – Wadsworth Center, NYSDOH, Amerika Serikat
3. *TaqPath COVID-19 Combo Kit* - Thermo Fisher Scientific, Inc., Amerika Serikat
4. *Abbott RealTime SARS-CoV-2 assay* - Abbott Molecular, Amerika Serikat
5. *Accula SARS-Cov-2 Test* - Mesa Biotech Inc., Amerika Serikat
6. *PerkinElmer New Coronavirus Nucleic Acid Detection Kit* - PerkinElmer, Inc., Amerika Serikat
7. *NeuMoDx SARS-CoV-2 Assay* - NeuMoDx Molecular, Inc., Amerika Serikat
8. *AllplexTM2019-nCoV Assay* – Seegene, Korea Selatan
9. *DiaPlexQTMN Coronavirus Detection kit* - SolGent Co.,Ltd., Korea Selatan
10. *VIASURE SARS-CoV-2 S gene Real Time PCR Detection Kit* - CerTest Biotec SL, Spanyol
11. *VereCoV™ Detection Kit* - Veredus Laboratories Pte Ltd, Singapura
12. *COV-19 IDx assay* - Ipsium Diagnostics, LLC, Amerika Serikat
13. *ARIES SARS-CoV-2 Assay* - Luminex Corporation, Amerika Serikat
14. *ScienCell SARS-CoV-2 Coronavirus Real-time RT-PCR (RT-qPCR) Detection Kit* - ScienCell Research Laboratories, Amerika Serikat
15. *Gnomegen COVID-19 RT-Digital PCR Detection Kit* - Gnomegen LLC, Amerika Serikat
16. *QuantiVirus SARS-CoV-2 Test kit* - DiaCarta, Inc., Amerika Serikat
17. *Multiple Respiratory Virus Nucleic Acid IVD Kit* - Shanghai ZJ Bio-Tech Co Ltd, Cina
18. *Novel Coronavirus 2019-nCoV RT-PCR Kit (Fluorescent PCR method)* - Shanghai GeneoDx Biotech Co., Ltd., Cina
19. *Novel Coronavirus 2019-nCoV RT-PCR Kit (Fluorescent PCR method)* - Shanghai Liferiver Bio-Tech Corp., Amerika Serikat
20. *Novel Coronavirus 2019-nCov PCR Kit (fluorescent PCR method)* - Da An Gene Co., Ltd., Cina
21. *Novel Coronavirus 2019-nCov PCR Kit (fluorescent PCR method)* - Sansure Biotech, Cina
22. *Novel Coronavirus 2019-nCov PCR Kit (fluorescent PCR method)* - Shanghai BioGerm, Cina
23. *Novel Coronavirus 2019-nCov PCR Kit (fluorescent PCR method)* - Beijing X-ABT Biotech Co., Ltd., Cina
24. *Novel Coronavirus 2019-nCov PCR Kit (fluorescent PCR method)* - Maccura Biotech Co., Ltd., Cina
25. *Novel Coronavirus 2019-nCov PCR Kit (fluorescent PCR method)* - Wuhan Easy Diagnosis Biomedicine Co., Ltd., Cina
26. *Nucleic Acid reagent test kit for novel coronavirus 2019-nCoV (hybridization capture immunofluorescence)* - Anbio (Xiamen) Biotechnology Co., Ltd., Cina

REKOMENDASI TERBARU

30. *AmoyDx® Novel Coronavirus (2019 nCoV) Detection Kit* - Amoy Diagnostics Co., Ltd, Cina
31. *Detection Kit for 2019-nCov nucleic acid (Fluorescence PCR method)* - Anhui Anlong Gene Technology Co., Ltd, Cina
32. *Detection Kit for 2019 Novel Coronavirus (2019-nCoV) RNA (PCR-Fluorescence Probing)* - Appolon Biotech, Prancis

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Alternatif Rekomendasi Reagen / Kit RT-PCR COVID-19

1. *cobas SARS-CoV-2 test for use on the cobas 6800/8800 Systems* - Roche Molecular Systems, Inc.(RMS), Amerika
2. *Panther Fusion SARS-CoV-2* - Hologic, Inc., Amerika
3. *COVID-19 RT-PCR Test* - Laboratory Corporation of America
4. *Lyra SARS-CoV-2 Assay* - Quidel Corp., Amerika
5. *Quest SARS-CoV-2 rRT-PCR* - Quest Diagnostics Infectious Disease, Inc., Amerika
6. *Simplexa COVID-19 Direct* - DiaSorin Molecular LLC, Amerika
7. *ePlex SARS-CoV-2 Test* - GenMark Diagnostics, Inc., Amerika
8. *Primerdesign Ltd COVID-19 genesig Real-Time PCR assay* - Primerdesign Ltd. Inggris
9. *Xpert Xpress SARS-CoV-2 test* - Cepheid Inc., Amerika
10. *BioFire COVID-19 Test* - BioFire Defense, LLC, Amerika
11. *PerkinElmer New Coronavirus Nucleic Acid Detection Kit* - PerkinElmer, Inc., Amerika
12. *PowerCheckTM2019-nCoV RT PCR kit* - kogenebiotech, Korea Selatan
13. *STANDARD M nCoV RT Detection kit* - SD BIOSENSOR, Korea Selatan
14. *Real-Q 2019-nCoV Detection Kit* - BioSewoom Inc., Korea Selatan
15. *AusDiagnostics respiratory virus panel* - AusDiagnostics Pty Ltd, Australia
16. *The A*STAR FORTITUDE KIT 2.0* - Diagnostics Development Hub (DxD), Singapura
17. *abTES™ COVID-19 qPCR I Kit* - AITbiotech Pte Ltd, Singapura
18. *Real-Time PCR Assay for the Detection of SARS-CoV-2 Virus* - DSO National Laboratories, Singapura
19. *Kit for Novel-Coronavirus (2019-nCoV) RNA (Isothermal Amplification-Real Time Fluorescence Assay)* - Biowalker Pte Ltd, Singapura
20. *Novel Coronavirus 2019-nCoV nucleic acid detection kit (cPAS, combinatorial probe-anchor synthesis sequencing method)* - BGI Tech (Wuhan) Co., Ltd., Cina
21. *Novel Coronavirus 2019-nCoV PCR Kit (fluorescent PCR method)* - BGI Tech (Wuhan) Co., Ltd., Cina
22. *Six -Respiratory -Virus Nucleic Acid Detection Kit (isothermal amplification chip method)* - Chengdu Capital Biotech Co., Ltd., Cina
23. *AvellinoCoV2 test* - Avellino Lab, Inc., Amerika
24. *Real-Time Fluorescent RT-PCR Kit for Detecting SARS-2019-nCoV* - BGI Genomics Co. Ltd., Amerika
25. *ID NOW COVID-19* - Abbott Diagnostics Scarborough, Inc., Amerika
26. *QIAstat-Dx Respiratory SARS-CoV-2 Panel* - QIAGEN GmbH, Jerman
27. *2019-nCoV Fluorescence Detection Real-time RT-PCR Kit* - Sysmex Corporation, Jepang
28. *VitaPCR SARS-CoV2 Assay* - Credo Diagnostics Biomedical, Singapura
29. *BioGX SARS-CoV-2 Reagents for BD MAX System* - Becton, Dickinson & Company (BD), Amerika
30. *Logix Smart Coronavirus Disease 2019* - Co-Diagnostics, Inc, Amerika
31. *1copy™ COVID-19 qPCR Multi Kit* - Luminarie Canada Inc. (South Korea), Kanada
32. *Loopamp Novel Coronavirus 2019 (SARS-CoV-2) Detection Kit* - Eiken Chemical CO., Ltd., Jepang
33. *Acu-Corona™ 2.0* - Acumen Research Laboratories, Singapura
34. *Nucleic Acid reagent test kit for novel coronavirus 2019-nCoV (Dual amplification)* - Wuhan Zhongzhi Biotechnologies INC, Cina
35. *Nucleic Acid reagent test kit for novel coronavirus 2019-nCoV (RNA capture probe method)* - Shanghai Rendu Biotechnology Co., Ltd, Cina

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Mesin Real-Time di Laboratorium Pemeriksa COVID-19 di Seluruh Indonesia

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Mesin Real-Time PCR di Laboratorium Pemeriksa COVID-19

Nama Mesin Real Time PCR	Perusahaan Pembuat
<i>MyGo Pro</i>	<i>IT-IS Life Science Ltd.</i>
<i>Applied Biosystem ABI 7500</i> <i>Applied Biosystem StepOne Plus</i> <i>Applied Biosystem ProFlex</i> <i>QuantStudio 3</i> <i>QuantStudio 1</i>	<i>ThermoFisher Scientific</i>
<i>CFX96 Touch Real-Time PCR</i> <i>iQ5</i> <i>T100</i> <i>CFX Connect</i>	<i>Bio-Rad</i>
<i>Cobas 96 Well</i> <i>Cobas 24 x 2 Well</i> <i>LC96</i> <i>LightCycler 480</i> <i>LC 2.0</i>	<i>ROCHE</i>
<i>Rotor-Gene Q</i> <i>Rotor-Gene Q 5plex</i> <i>Qiastat (Closed System)</i>	<i>QIAGEN</i>
<i>Mini8 Plus</i>	<i>Coyotebio</i>
<i>M2000</i>	<i>Abbott</i>
<i>Exycycler 96</i>	<i>Bioneer</i>
<i>Gene-Up</i>	<i>BioMerieux</i>

