

# VereCoV™ OneMix Detection Kit

**VereCoV™ OneMix Detection Kit** is a multiplex RT-PCR- and microarray-based *In Vitro* Diagnostic (IVD) test for COVID-19. Together with the VerePLEX™ Biosystem, this Lab-On-Chip (LOC) test is specifically designed to detect and identify SARS-CoV-2.

**5 µl RNA Extract**  **5 µl Assay Mix** 

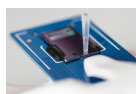


  
Single Use  
Only

**OneMix Enzyme VR Tube**



Chip Loading  
for RT-PCR



**VerePLEX™ Biosystem**



Sample Type	Extracted viral RNA
Compatibility	<ul style="list-style-type: none"> <li>• CommaXP® Virus DNA / RNA Extraction Kit</li> <li>• QIAmp® Viral RNA Mini Kit</li> </ul>
Targets	<ul style="list-style-type: none"> <li>• ORF1ab</li> <li>• Spike (S)</li> <li>• Nucleocapsid (N)</li> </ul>
Run Time	Less than 2 hours
Internal Controls	<ul style="list-style-type: none"> <li>• PCR - Positive Amplification Control</li> <li>• Hybridization - Orientation Probes, Positive Control Probes, Negative Control Probes</li> </ul>
Sensitivity (LoD)	20 viral RNA copies per test
Specificity	No cross-reactivity with human genome / other Coronaviruses / respiratory viruses
Clinical Relevance	100% PPV; 100% NPV

Since early 2020, **VereCoV™ OneMix Detection Kit** was deployed in Singapore by the Home Team Science and Technology Agency (HTX) as part of screening measures against COVID-19

Catalogue No.	Pack Size	Shelf Life	Storage
VCVO-CB050	50 Reactions per Kit	6 Months from Date of Manufacturing	<ul style="list-style-type: none"> <li>• Ambient temperature (15°C to 25°C)</li> <li>• -20°C freezer. Avoid repeated freezing and thawing of kit contents</li> </ul>

