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# Certificate of Analysis

## Pury Viral RNA Miniprep Kit

Cat No : P2020

Lot No : 05182021

Exp. Apr. 2022

TEST	Specification	Result
Real Time Functional Test	Confirms	PASS
Quality of the kit was tested by purification of RNA and DNA from 3ml of human swab sample . Yield of nucleic acids was evaluated by RT-qPCR and qPCR, and compared with spiked copy number.		
Spectrophotometry Test		
RT-PCR Melting Test		
Electrophoresis Test		
Buffer Test (Confidential)	Confirms	PASS
Pury Lysis Buffer, P2020-PL (pH and Conductivity in optimal range)		
W1 Wash Buffer, P2020-W1 (pH and Conductivity in optimal range)		
W2 Wash Buffer, P2020-W1 (pH and Conductivity in optimal range)		
RNase Free Water, P2020-RW (RNase and DNase Free)		
Column Membrane Quality Test	Confirms	PASS
Pore size (Confidential, In optimal pore size for RNA purification)		
Silica binding capacity ( > 100 ug of carrier RNA)		
Surface (PP melt even, no bubbles, no pollution)		
Strength (Stand 12,000 x g centrifugation)		
Assembly (Fix well)		
Housing material , Medical grade PP		

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