



## DATASHEET

# PlexPrime® SARS-CoV-2 P681R Delta

Research reagents to support investigation of COVID-19 variants of concern

### Test Reagent

PlexPrime® SARS-CoV-2 P681R Delta

### Catalog Number

7154002

### Description

Single well, multiplex for simultaneous detection of 2 viral RNA targets - SARS-CoV-2 RdRp gene, and SARS-CoV-2 S gene (surface glycoprotein) mutation P681R using qPCR **PlexPCR®** (**PlexZyme®** & **PlexPrime®**) technology

### Sample Extraction

Samples should be extracted as total nucleic acid

Product Design			
Well	Channel	Target	qPCR cycling duration
1	1	RNA-dependent RNA polymerase gene (RdRp)	100 minutes
	2	Mutations causing P681R Spike Protein Substitution	
Target Mutations			
P681R		P681R is present in B.1.617.2 (Delta), B.1.617.1 (Kappa) and B.1.617.3	
Instrument Compatibility			
Extraction	Liquid Handling	Amplification	
Magnetic bead-based	Lab self-validation	Roche LC480 II	
		BioRad CFX96 IVD / CFX96 Touch	
		ABI 7500/7500 Fast / 7500 Fast Dx	
		ABI QuantStudio	
Workflow Flexibility			
Total Reactions†		Reaction Volume	
200		25 µL	
†Includes additional volume to maintain total reaction numbers when used with a liquid handler			
Compatible with <b>PlexPCR®</b> Sapphire Core Reagents — Cat No: 7214002			
Shipping & Storage			
Shipping		Storage	
Reagents — dry ice/ice packs		Reagents -20°C	

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\*Research Use Only  
Not for use in diagnostic procedures

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