



## DATASHEET

# PlexPrime<sup>®</sup> SARS-CoV-2 L452Q Lambda\*

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

<b>Test Reagent</b>	PlexPrime <sup>®</sup> SARS-CoV-2 L452Q Lambda*
<b>Catalog Number</b>	7234002
<b>Description</b>	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 L452Q using qPCR <b>PlexPCR<sup>®</sup></b> ( <b>PlexZyme<sup>®</sup></b> & <b>PlexPrime<sup>®</sup></b> ) technology
<b>Sample Extraction</b>	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 L452Q Spike Protein Substitution	
Target Mutations			
L452Q		L452Q is present in C.37 (Lambda)	
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 <sup>†</sup>		Reaction Volume	
200		25 µL	
†Includes additional volume to maintain total reaction numbers when used with a liquid handler			
Compatible with <b>PlexPCR<sup>®</sup></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

