

HCoV QuadPlex*

Differentiate seasonal human coronaviruses

96-well
or
384-well

Assay Reagent

HCoV QuadPlex

Description

HCoV QuadPlex is a 1-well, multiplex qPCR assay that amplifies nucleic acids of four seasonal coronaviruses that normally infect humans: 229E, NL63, OC43 and HKU1. This reagent includes an extraction/amplification internal control. The reagents are compatible with the Applied Biosystems® QuantStudio™ 5 and 7 real-time PCR systems.

The HCoV QuadPlex kit is for research use only (RUO) and is not intended for use in diagnostic procedures.

Note: HCoV Quad Mix, 20x provided contains a fluorophore specific for the QuantStudio™ 5 and 7 platforms.

Sample Extraction

Samples should be extracted as total nucleic acid.

Product Design			
Well	Channel	Target	qPCR cycling duration
1	1	Coronavirus 229E	~2 hours†
	2	Coronavirus NL63	
	3	Coronavirus OC43	
	4	Coronavirus HKU1	
	5	Internal control	
Instrument Compatibility			
Extraction		Liquid Handling	Amplification
Magnetic bead-based		Lab self-validation	ABI QuantStudio 5 and 7
Workflow Flexibility			
Format	Pack size	Reaction Volume	Catalog Number
96	100	20 µL	7131201
384	384	15 µL	7131204
Shipping & Storage			
Shipping		Storage	
Reagents — dry ice/ice packs		Store protected from light between -25°C to -15°C	

Contact tech@speedx.com.au for assistance.

†96-well format cycling time is two hours, and the 384-well cycling takes two hours and fifteen minutes

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