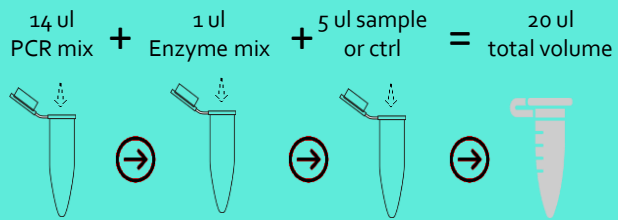


COVID-19 qRT-PCR Detection Kits

➔ FDA registered & CE IVD certified

- Detection from as few as 10 copies of SARS-CoV-2 target genes, with a broad dynamic range that supports accurate quantification of mRNA copies

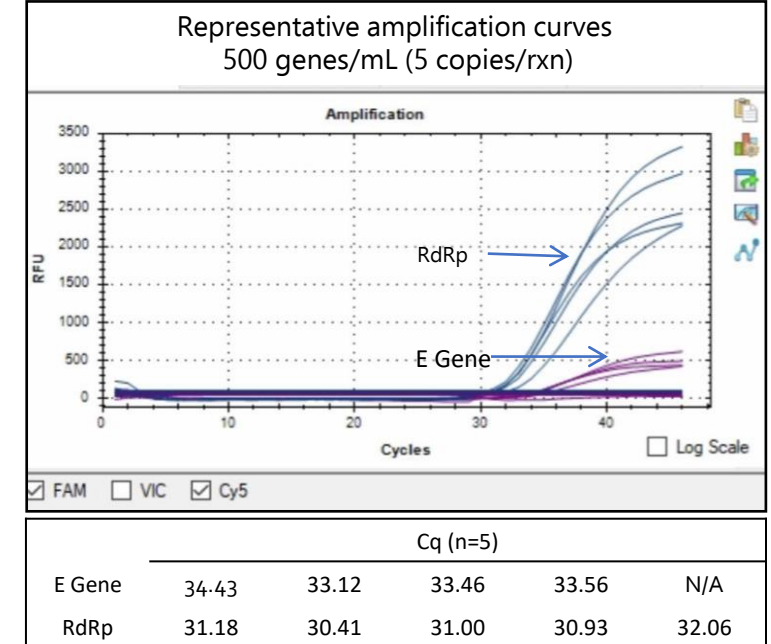


- Over 5 million rxns shipped
- In stock & free next-day US domestic shipping
- Free validation kits

Specificity: no cross-reaction with other pathogens such as seasonal influenza A (H1N1) virus, novel influenza A (H1N1-2009) virus, influenza AH3N2, H5N1, H7N9, influenza B Yamagata, influenza B Victoria, RSV A, RSV B, parainfluenza I, parainfluenza II, parainfluenza III, adenovirus types 1, 2, 3, 4, 5, 7 & 55, enterovirus types A, B, C and D, hMPV (human metapneumovirus), EB virus, measles virus, human cytomegalovirus, rotavirus, norovirus, mumps virus, varicella zoster virus, mycoplasma pneumoniae, chlamydia pneumoniae, legionella, bordetella pertussis, haemophilus influenzae, staphylococcus aureus, streptococcus pneumoniae, streptococcus pyogenes, klebsiella pneumoniae, mycobacterium tuberculosis, aspergillus fumigatus, candida albicans, candida glabrata, cryptococcus neoformans, coronavirus (HKU1, OC43, NL63, 229E), SARS-CoV-1, MERS coronavirus.

RdRp gene LOD Summary			
Level	n	Cq	Positive
10000 GE/mL	6	27.3	6/6
5000 GE/mL	6	27.5	6/6
2500 GE/mL	6	30.2	6/6
1000 GE/mL	10	30.7	10/10
500 GE/mL	20	31.3	20/20
250 GE/mL	32	32.7	31/32

E gene LOD Summary			
Level	n	Cq	Positive
10000 GE/mL	6	29.4	6/6
5000 GE/mL	6	27.3	6/6
2500 GE/mL	6	31.6	5/6
1000 GE/mL	10	32.1	8/10
500 GE/mL	20	34.7	19/20
250 GE/mL	32	37	27/32



Available in two configurations

Gene	Fluorophore Marker	3-gene system (Cat#QP1578)	2-gene system (Cat#QP1568)
RdRp (Polymerase)	Fam	✓	✓
E (Envelope)	Cy5	✓	✓
N (Nucleocapsid)	Rox	✓	
Internal Ctrl (RNaseP)	Joe	✓	✓

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