



PRODUCT SPECIFICATION

catalog number:	52151
product description:	Armored RNA Quant® SARS CoV-2 Targets the Nucleocapsid 1 and Nucleocapsid 2 regions of the CDC recommended Diagnostic Panel (CDC-006-00019).
lot number:	[lot specific]
sequence:	SARS CoV-2 Target Sequence: GAACAACTAAAATGTCTGATAATGGACCCAAAATCAGCGAAATGCACCCCGCATTACGTTTGGTGGACCCTCAGATTCAACT GGCAGTAACCAGAATGGAGAACGCAGTGGGGCGCGATCAAACAACGTCGGCCCCAAGGTTTACCCAATAAATACTGCGTCTTG GTTACCGCTCTCACTCAACATGGCAAGGAAGACCTTAAATTCCTCGAGGACAAGGCGTTCCAATTAACACCAATAGCAGTCC AGATGACCAAATTGGCTACTACCGAAGAGCTACCAGACGAATTCGTGGTGGTGACGGTAAAATGAAAGATCTCAGTCCAAGAT GGTATTTCTACTACCTAGGAACTGGGCCAGAAGCTGGACTTCCCTATGGTGCTAACAAAGACGGCATCATATGGGTTGCAACTG AGGGAGCCTTGAATACACCAAAGATCACATTGGCACCCGCAATCCTGCTAACAAATGCTGCAATCGTGCTACAACCTCCTCAAG GAACAACATTGCCAAAAGGCTTCTACGCAGAAGGGAGCAGAGGCGGCAGTCAAGCCTCTTCTCGTTCTCATCAGTAGTCGC AACAGTTCAAGAAATTCAACTCCAGGCAGCAGTAGGGGAACTTCTCTGCTAGAATGGCTGGCAATGGCGGTGATGCTGCTCT TGCTTTGCTGCTGCTTACAGATTGAACCAGCTTGAGAGCAAATGTCTGGTAAAGGCCAACAAACAAGGCCAACTGTCCAC TAAGAAATCTGCTGCTGAGGCTTCTAAGAAGCCTCGGCCAAAACGTAAGCATAACAATGTAACACAAGCTTTCCG CAGACGTGGTCCAGAACAAACCAAGGAAATTTGGGGACCAGGAACTAATCAGACAAGGAACTGATTACAAACATTGGCCGC AAATTGCACAATTTGCCCCAGCGCTTCAGCGTTCTCGGAATGTCGCGCATTGGCATGGAAGTCACACCTTCGGGAACGTG
form:	Armored technology is a system for producing robust, ribonuclease-resistant RNA controls and standards by assembling specific RNA sequences and viral coat proteins into pseudo-viral particles.
storage buffer:	TSMIII (10 mM Tris, 100 mM NaCl, 1 mM MgCl ₂ , 0.1% gelatin, 0.3% Microcide III, pH 7.0)
concentration:	1 x 10 ⁶ copies/mL target RNAs
total volume:	0.25 mL
notes/applications:	The RNA can be extracted from the viral coat protein using the same methods used to extract test specimen RNA or by incubating at 75°C for 3 minutes to release the RNA from the particles.
manufacture date:	[lot specific]
expiration date:	[lot specific]
dilution:	Dilute with TSMIII storage buffer



storage: -15°C to -30°C
We recommend aliquoting into single use vials upon receipt; Armored RNA can withstand 5 freeze thaw cycles.

country of origin: USA

hazard/biohazard: There is no known hazard or biohazard associated with this product.

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