



PRODUCT SPECIFICATION

catalog number:	49650
product description:	Armored RNA Quant® Internal Processing Control (IPC-1) Targets a non-specific, 1,000 base pair <i>in vitro</i> transcribed RNA (alien/non-homologous) sequence intended to be used as a spike-in to sample (e.g., urine, blood, CSF, plasma/liquid biopsy) to monitor the overall efficiency of a testing process. This robust and versatile control allows users to measure specificity and sensitivity of an assay during development or while running samples as an on-board process control.
lot number:	[lot specific]
sequence:	IPC-1 Target Sequence: GTACTGACGTAAAGTCACTATTTTTTCGTGCAACGTACGTCTCGATGTACAACGCTCTATTACGGTTCATTTTTTTGTAGG GTTACGCGGCCAGATGACTCCATCTTATCCCCTTGAAAACATTCTTATTTGTACGCCATAGTGGCATCGCGGTTGGATATCA ATCGTATTGGACGCAAGCGCGCTACTCAGTTTATAAGACCCCAACTATTTTCGCAAGATCAGTGTATTTACGCTGACTC CAGTGGTGAAACTCCTAAGATCTGTTTAGCTATTGCGCCGTCGTTTATCAAATCGGGCTTCCCAACATTCATTCTTAGAAG GAAGCTCGATAGTTCAGAGCTGCGGAAGGCCAATTCATATTATATGTATGAGCCTGTCAATACCTGCACCCAGAACAC CACAGTGACTAGATATGAGAGGTCGACGATCTACGGATGGTATGAGCACGGAGATCTAAGCGTGGAAAGTGGCTATAT AGAGCAGATATATTATGACGTACCAGAGGATCACCTACTAAAAGACTTTTCGAGAATCTACACCTACTAGCAAGGGTA GCCGATTAGTGGATCATCTAAGACATCAAGGCTCAAATAATTTTACCATGGACGCTGCATTTACGCTTGCACATTTTATGT TGGCAGCCTTTGCCGCGCACATAGCGATATCCCGTACCCGCTTTTCTTAAAGTTAATCGCCGATGATTGGCTCAATAATCG CCTCACTTGTGCGATGACTAGCCAGGCGTTTCCGCGTCTTAGATATTATCGCGCTTATATAGTATAGACGAGTACCCTTT GTTGTTATTGCAGCACCAACAGAATAAGTAATCTTTAGGCTGCGGCCGCTTAGGTGGCAGAAGATTTGCTCGATGTTCT CAAGTAAAGGACGTCGGGGAGTTGACGGTTGGCAGGTAACGTATGGATCTTTAATATAATCTAGGCAACAAGTAAGGGC CATTGAGCGCTTATATGCCGAGTCT
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:	2 x 10 ⁶ copies/mL target RNAs
total volume:	0.5 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.

Armored RNA Quant[®] is a registered trademark of Asuragen and Cenetron Diagnostics.