



## Armored RNA Hepatitis G Virus

Catalog #: 42024

### Suggested Use

- Daily controls for RNA extraction, amplification, and detection
- Calibrating controls, proficiency samples, or new assay development

### Packaged Hepatitis G Virus Sequence from the 5' UTR region

Commonly used amplification primer binding regions for Hepatitis G Virus (Schlueter, 1996) are underlined (see below). The PCR product generated is 185 basepairs.

CCGGCACTGG	GTGCAAGCCC	CAGAAACCGA	CGCCTATTTT	AAACAGACGT
TATGAACCGG	CGCTGACTCG	GCGACCGGCC	<u>AAAAGGTGGT</u>	<u>GGATGGGTGA</u>
TGCCAGGGTT	GGTAGGTCGT	AAATCCCGGT	Schlueter, 1996 CATCTTGGTA	GCCACTATAG
<u>GTGGGTCTTA</u>	<u>AGGTTAGTC</u>	<u>AAGGTCCCTC</u>	<u>TGGCGCTTGT</u>	<u>GGCGAGAAGC</u>
GCACGGTCCA	CAGGTGTTGG	CCCTACCGGT	GTGAATAAGG	<u>GCCCGACGTC</u> Schlueter, 1996
<u>AGGCTCGTCG</u>	<u>TTAAACCGAG</u>	<u>CCCATTACCC</u>	<u>ACCTGGGCAA</u>	<u>ACGACGCCCA</u>
CGTACGGTCC	ACGTCGCCCT	TCAATGTCTC	TCTTGACCAA	TAGGCTTAGC
CGGCGAGTTG	ACAAGGACCA			

### References

1. Schlueter V, Schmolke S, Stark K, Hess G, Ofenloch-Haehnle B, Engel AM. Reverse transcription-PCR detection of hepatitis G virus. *J. Clin. Microbiol.* **34**:2660-2664. 1996.
2. Pasloske BL, WalkerPeach CR, Obermoeller RD, Winkler M, DuBois DB. Armored RNA technology for production of ribonuclease-resistant viral RNA controls and standards. *J. Clin. Microbiol.* **36**: 3590-3594. 1998.
3. WalkerPeach CR, Winkler M, DuBois DB, Pasloske BL. Ribonuclease-resistant RNA controls (Armored RNA) for reverse transcription-PCR, branched DNA and genotyping assays for hepatitis C virus. *Clin. Chem.* **45**: 2079-2085. 1999.

Armored RNA is a technology developed jointly by Ambion, Inc. and Cenetron Diagnostics, LLC (US patents #5,677,124, #5,919,625, #5,939,262, #6,214,982, and #6,399,307). Armored RNA is a registered trademark of Ambion and Cenetron Diagnostics. Amplicor® and Monitor® are registered trademarks of Roche Molecular Systems. For Research Use Only. Not For Use in Diagnostic Procedures.