

Armored RNA[®] Quant BCR/ABL e1/a2

Catalog #: 42046

Suggested Use

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

Packaged BCR/ABL e1/a2 Sequence (470bp)

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ACTTCTCCTCTGGCCAGTCCAGCCGCGTGTCCCCAAGCCCCACCACCTACCGCATGTTCC
GGGACAAAAGCCGCTCTCCCTCGCAGAAGCTCGCAACAGTCCTTCGACAGCAGCAGTCCC
CCCACGCCGCAGTGCCATAAGCGGCACCGGCACTGCCCGGTTGTCGTGTCCGAGGCCA
CCATCGTGGGCGTCCGCAAGACCGGGCAGATCTGGCCCAACGATGGCGAGGGCGCCTT
CCATGGAGACGCAG■AAGCCCTTCAGCGGCCAGTAGCATCTGACTTTGAGCCTCAGGGT
CTGAGTGAAGCCGCTCGTTGGAAGCTCCAAGGAAAACCTTCTCGCTGGACCCAGTGAAAAT
GACCCCAACCTTTTCGTTGCACTGTATGATTTTGTGGCCAGTGGAGATAAACTCTAAGCA
TAACTAAAGGTGAAAAGCTCCGGGTCTTAGGCTATAATCACAATGGGGGAATGGTGT
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■ Denotes break point

References

1. Burmeister T, Maurer J, Aivado M, Elmaagacli AH, Grunebach F, Held KR, Hess G, Hochhaus A, Hoppner W, Lentes KU, Lubbert M, Schafer KL, Schafhausen P, Schmidt CA, Schuler F, Seeger K, Seelig R, Thiede C, Viehmann S, Weber C, Wilhelm S, Christmann A, Clement JH, Ebener U, Enczmann J, Leo R, Schleuning M, Schoch R, Thiel E. Quality assurance in RT-PCR-based BCR/ABL diagnostics--results of an interlaboratory test and a standardization approach. *Leukemia*. 2000 Oct;14(10):1850-6
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.