



Armored RNA® West Nile Virus (HNY1999)

Catalog #: 42040

Suggested Use

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

Packaged West Nile Virus (HNY1999) Sequence from the NS5-2region

Commonly used amplification primer binding regions for West Nile Virus (HNY1999) are underlined (see below). The PCR product generated is 168 basepairs (Briese, 1999).

GAACGTCCGC	GACACTGCTT	GTCTGGCTAA	GTCTTATGCC	CAGATGTGGC
			Briese, 1999	
TGCTTCTGTA	CTTCCACAGA	AGAGACCTGC	GGCTCATGGC	CAACGCCATT
TGCTCCGCTG	TCCCTGTGAA	TTGGGTCCCT	ACCGGAAGAA	CCACGTGGTC
CATCCATGCA	GGAGGAGAGT	GGATGACAAC	AGAGGACATG	TTGGAGGTCT
			Briese, 1999	
GGAACCGTGT	TTGGATAGAG	GAGAATGAAT	GGATGGAAGA	CA

References

1. Briese T, Jia X-Y, Huang C, Grandy LJ, Lipkin WI. Identification of a Kunjin/West Nile-like flavivirus in brains of patients with New York encephalitis. *Lancet*. **354**:1261-1262. 1999.
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.

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