



DATA SHEET

For research use only. Not for use in humans.

Reagent:	Hepatitis G Virus (HPgV) Infectious Molecular Clone (pAF121950)
Catalog Number:	ARP-9450
Lot Number:	200281
Release Category:	E
Provided:	Each vial of ARP-9450 contains approximately 5 micrograms of dried, purified DNA stabilized in DNASTable®Plus. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents on the NIH HIV Reagent Program webpage.
Description:	<p>ARP-9450 is a full-length cDNA of a clinical isolate of GB Virus C/Hepatitis G virus (HPgV) amplified from viral RNA in plasma and cloned into the vector pCR2.1. pCR2.1 contains the gene for ampicillin (<i>amp</i>) resistance. The size of the vector including the insert is 13,295 base pairs and the size of the insert is 9395 base pairs. The host strain for the cloned vector is <i>Escherichia coli</i> strain, DH5α. GenBank accession number for the full-length cDNA sequence is AF 121950.</p> <p><u>Note:</u> RNA transcripts are infectious in primary peripheral blood mononuclear cell (PBMC) cultures.</p>
Recommended Storage:	Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.
Contributor:	Dr. Jinhua Xiang and Dr. Jack Stapleton
References:	Xiang, J., et al. "Full-Length GB Virus C (Hepatitis G Virus) RNA Transcripts Are Infectious in Primary CD4-Positive T Cells." <i>J Virol.</i> 74 (2000): 9125-9133. PubMed: 10982359 .
Citation:	Acknowledgment for publications should read "The following reagent was obtained through the NIH HIV Reagent Program, Division of AIDS, NIAID, NIH: Hepatitis G Virus (HPgV) Infectious Molecular Clone (pAF121950), ARP-9450, contributed by Dr. Jinhua Xiang and Dr. Jack Stapleton." Also include the reference cited in any publications.
Biosafety Level: 1	Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. <u>Biosafety in Microbiological and Biomedical Laboratories</u> , 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmb15/index.htm .
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