



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	HIV-1 BRU/LAV GFP-Vpr Expression Vector
Catalog Number:	12478
Lot Number:	140326
Release Category:	A
Provided:	5 µg of dried purified DNA stabilized in DNASTable <i>PLUS</i>
Cloning Vector:	pEGFP-C1 Kanamycin resistant
Description:	An expression vector that produces green fluorescent protein (GFP) tagged HIV-1 Vpr. Used to label HIV for viral tracking and imaging.
Special Characteristics:	<p>This construct is 5,013 bp including the insert.</p> <p>GenBank Accession Number (Vpr): K02013</p> <p>Plasmid map and sequence file lot 140326</p> <p>Plasmids can be propagated in STBL2 cells and grown at 37°C. Larger plasmids may benefit from growth at 30°C.</p> <p>This reagent is currently being provided as dried purified DNA stabilized in DNASTable <i>PLUS</i>. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents. Dried DNA Notice</p> <p>Alternate names include: pGFP-VPR</p>
Recommended Storage:	Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.
Contributor:	Dr. Thomas J. Hope

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

References: McDonald D, Vodicka MA, Lucero G, Svitkina TM, Borisy GG, Emerman M, Hope TJ. Visualization of the intracellular behavior of HIV in living cells. J Cell Biol. 2002 Nov 11;159(3):441-52.

NOTE: Acknowledgment for publications should read "HIV-1 BRU/LAV GFP-Vpr Expression Vector was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH from Dr. Thomas J. Hope (Cat# 12478)." Also include the reference cited above in any publications.

Last Updated: August 10, 2018

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