



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	HIV-1 JRFL Env Expression Vector
Catalog Number:	13453
Lot Number:	190223
Release Category:	B
Provided:	5 µg of dried purified DNA stabilized in DNASTable <i>Plus</i>
Cloning Site:	Unknown
Cloning Vector:	Ampicillin resistant
Description:	An expression vector which produces HIV-1 subtype B JRFL Env protein.
Special Characteristics:	<p>This construct is approximately 9000 bp including the insert.</p> <p>This plasmid expresses HIV-1 JRFL Env.</p> <p>Plasmids can be propagated in STBL2 cells and grown at 37°C. Larger plasmids may benefit from growth at 30°C. This construct may also be grown in other competent cells.</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>
Recommended Storage:	Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.
Contributor:	Dr. Tom 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: Stieh, D. J., Maric, D., Kelley, Z. L., Anderson, M. R., Hattaway, H. Z., Beilfuss, B. A., Rothwangl, K. B., Veazey, R. S. and Hope, T. J. (2014). Vaginal challenge with an SIV-based dual reporter system reveals that infection can occur throughout the upper and lower female reproductive tract. PLoS Pathog, 10(10), e1004440. doi:10.1371/journal.ppat.1004440 [PUBMED](#)

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 JRFL Env Expression Vector from Dr. Tom Hope (cat# 13453)." Also include the reference cited above in any publications.

Last Updated: October 29, 2020

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