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DATA SHEET

Reagent: HIV-1 BaL.01 Env Expression Vector

Catalog Number: 11445

Lot Number: 140244

Release Category: C

Provided: 5 µg of dried purified DNA stabilized in DNASTable *PLUS*

Cloning Site: TOPO TA cloned
The size of the insert is approximately 2814 bp.

Cloning Vector: pcDNA3.1D/V5-His TOPO
Ampicillin and neomycin resistant

Description: This construct bears a PCR fragment containing full-length env and rev genes from HIV-1 BaL (Cat# 510) derived from the genomic DNA of infected PBMC.

Special Characteristics: This construct is 8722 bp including the insert.
The BaL.01 clone expresses a functional env/rev cassette and can be used to generate pseudotyped infectious virions. BaL.01 differs from BaL.26 (Cat# 11446) by 16 amino acid positions in gp160.
GenBank Accession #: [DQ318210](https://www.ncbi.nlm.nih.gov/nuccore/DQ318210)
[Plasmid map and sequence file lot 140244](#)
This reagent is currently being provided as dried purified DNA stabilized in DNASTable *PLUS*. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents. [Dried DNA Notice](#)

Recommended Storage: Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.

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.

Contributor: Dr. John Mascola

References: Li Y, Svehla K, Mathy NL, Voss G, Mascola JR, Wyatt R. Characterization of antibody responses elicited by human immunodeficiency virus type 1 primary isolate trimeric and monomeric envelope glycoproteins in selected adjuvants. *J. Virology*, **80** (3); 1414-26 (2006).

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 BaL.01 Env Expression Vector (Cat#11445) from Dr. Mascola." Also include the reference cited above in any publications.

Scientists at for-profit institutions or who intend commercial use of this reagent must contact the NIH Office of Technology Transfer, Email: NIAIDAIDSReagent@niaid.nih.gov, before the reagent can be released. Please specify the name and a description of the intended use of the reagent.

Last Updated: July 13, 2018

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