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DATA SHEET

Reagent:	HIV-1 NL4-3 gp160 Secreting CHO Cells
Catalog Number:	3972
Lot Number:	120248
Release Category:	C
Provided:	7.0 x 10^6 cells/vial. 1 mL, 90% viability.
Propagation Medium:	DMEM, 90%; fetal bovine serum, 10%.
Freeze Medium:	Propagation medium, 80%; fetal bovine serum, 10%; DMSO, 10%.
Growth Characteristics:	Split the cells somewhere between 1:3 - 1:8. Ideally, to harvest supernatant for protein, split at 1:5 such that the flask is 100% confluent after three days, and at this point harvest supernatant.
Sterility:	Negative for mycoplasma, bacteria, and fungi.
Description:	CHO cells that secrete NL4-3 gp160
Special Characteristics:	Encodes the entire gp160 minus the transmembrane region and carboxyl-terminus of gp41. The gp120/gp41 cleavage site is unaltered. The gp160 protein product is secreted from the cell. Protein can be purified using GNA lectin (yields are 20-60%).
Recommended Storage:	Liquid nitrogen.
Contributor:	Dr. James Arthos.

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.

NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: (Cat#3972) HIV-1 NL4-3 gp160 Secreting CHO Cells from Dr. James Arthos." **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 03, 2018

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