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DATA SHEET

Reagent:	CHO-EE Cells
Catalog Number:	2238
Lot Number:	94004
Release Category:	D
Provided:	1 vial frozen cells. 1 x 10^7/vial, >98% viability
Cell Type:	Derived from CHO-K1 cells (ATCC).
Propagation Medium:	See below. These cells have been stably transfected with a glutamine synthetase gene. Do not add glutamine to the culture medium, as this may select for cells that do not contain the desired env inserts.
Freeze Medium:	GMEM-S medium without MSX, 60%; fetal bovine serum, 30%; DMSO, 10%.
Growth Characteristics:	Split cells every 3-4 days at 1:12. Cells should just reach confluency on day of passage. Cells are heterogeneous and grow as a flat, adherent monolayer, singly or in clusters.
Sterility:	Negative for mycoplasma, bacteria, and fungi
Description:	The cells can serve as a control for CHO-SEC and CHO-WT.
Special Characteristics:	CHO-K1 cells were transfected with pEE14 (Celltech), which expresses glutamine synthetase.

Table 1.CHO-Cell Lines

Protocol:Culture and Syncytium Detection Using CHO-Env Cell Lines

Recommended Storage:	Keep the reagent in liquid nitrogen.
Contributor:	Dr. Carol Weiss and Dr. Judith White.
References:	Weiss CD, White JM. Characterization of stable Chinese hamster ovary cells expressing wild-type, secreted, and glycosylphosphatidylinositol-anchored human immunodeficiency virus type 1 envelope glycoprotein. *J Virol* **67**:7060-7066, 1993.
NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: CHO-SEC from Dr. Carol Weiss and Dr. Judith White." Also include the reference cited above in any publications.
Last Updated	August 20, 2020