DATA SHEET

Reagent: J-Lat Full Length Cells (6.3)

Catalog Number: 9846
Lot Number: 120090
Release Category: C

Provided: 1 mL (2.5 x 10^6 cells/mL), viability is 85%.

Cell Type: Parental cell type: Jurkat. Virally infected with the following packaged retroviral construct: HIV-R7/E-/GFP; full length HIV 1 minus env, minus nef

Propagation Medium: RPMI 1640, 90%; FBS, 10%; supplemented with penicillin G (100 U/ml), streptomycin (100 µg/ml), L-glutamine (2 mM, 0.3 mg/ml).

Freeze Medium: FBS, 90%; DMSO, 10%.

Growth Characteristics: No special requirements, split 1:3 at 1x10^6 cells/ml. Cells grow in suspension, usually singly but some clumping has been noted.

Sterility: Negative for bacteria, mycoplasma, and fungi.

Special Characteristics: Full-length constructs secrete incomplete viral particles (capsids). Latently express GFP to varying degrees. Suited to study HIV latency and reactivation.

The clones in this series are: 6.3 (cat# 9846), 8.4 (cat# 9847), 9.2 (cat# 9848), 10.6 (cat# 9849), and 15.4 (cat# 9850).

Please see Table I in the reference publication for differences between these clones in GFP and p24 expression upon stimulation with TNF-α.

Recommended Storage: Liquid nitrogen

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.