

Sup-T1 Cells Infected with Human Herpesvirus 7 (HHV-7), JI

Catalog No. HRP-12184

Product Description:

HRP-12184 is a culture of Sup-T1 cells infected with human herpesvirus 7 (HHV-7), strain JI. HHV-7 is closely related to human herpesvirus-6 (HHV-6) and human cytomegalovirus (HCMV), but distinct from Epstein-Barr virus (EBV), herpes simplex virus, and varicella zoster virus, and may act as a negative cofactor in human immunodeficiency virus (HIV) infection. HHV-7 is highly cell-associated, and as such, little virus is released to the supernatant; only Sup-T1 cells can support the replication of HHV-7. HRP-12184 lot 70080609 was grown in Cell Growth Medium [CGM; RPMI 1640 supplemented with 10% heat-inactivated fetal bovine serum (FBS)] at 37°C in an aerobic atmosphere with 5% CO₂ for 2 days, monitoring cell count and cytopathic effect while feeding the cells with fresh, uninfected Sup-T1 Cells (APR-100 lot 190112; ratio ~ 1:5 infected to uninfected) as needed, and preserved in RPMI 1640 medium supplemented with 20% fetal bovine serum and 5% dimethyl sulfoxide (DMSO).

Lot: 70080609

Manufacturing Date: 05MAR2026

TEST	SPECIFICATIONS	RESULTS
Growth Properties	Suspension	Suspension
Morphology	Report results	Round, clumped cells ¹
Multiplex PCR Amplification of Cytochrome C Oxidase I (COI) Gene	Human origin No evidence of another species	Human origin No evidence of another species
Total Cell Count (pre-freeze)	Report results	3.0 × 10 ⁶ cells/vial
Sterility (21-day incubation) bioMerieux BacT/ALERT® iAST bottle (32°C, aerobic) bioMerieux BacT/ALERT® iNST bottle (32°C, anaerobic)	No growth No growth	No growth No growth
Mycoplasma Contamination Broth culture (28-day incubation at 37°C) DNA detection by PCR of extracted Test Article nucleic acid	None detected None detected	None detected None detected

¹Each vial contains a mixture of uninfected Sup-T1 cells and clumps of HHV-7-infected Sup-T1 cells.

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