

HEK-TLR4^{YFP} Cell Line

Catalog No. NR-9314

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Product Description:

The HEK-TLR4^{YFP} cell line is derived from an adherent human embryonic kidney epithelial cell line (HEK-293) by stable transfection with a cDNA construct coding for a Yellow Fluorescent Protein (YFP)-Human Toll-Like Receptor 4 (TLR4) chimera.

Lot: 70055724

Manufacturing Date: 07OCT2022

TEST	SPECIFICATIONS	RESULTS
Growth Properties	Adherent	Adherent
Morphology	Epithelial	Epithelial
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	> 1.0 × 10 ⁶ cells/vial	4.3 × 10 ⁶ cells/vial
Post-Freeze Viability	≥ 50%	73.2%
Sterility Test (BacT/ALERT 3D) iAST bottle (aerobic) at 32°C, 14-day incubation iNST bottle (anaerobic) at 32°C, 14-day incubation	None detected None detected	None detected None detected
Mycoplasma Contamination Hoechst DNA stain Agar and broth culture (14-day incubation at 37°C) DNA detection by PCR of extracted Test Article nucleic acid	None detected None detected None detected	None detected None detected None detected

/Sonia Bjorum Brower/

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