

HEK-TLR9^{YFP} Cell Line

Catalog No. NR-9317

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Product Description: The HEK-TLR9^{YFP} cell line is derived 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 9 (TLR9) chimera.

Lot: 57819203

Manufacturing Date: 06DEC2007

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
Cell Count	> 1.0 X 10 ⁶ cells/vial	3.9 X 10 ⁶ cells/vial
Post-Freeze Viability	≥ 50%	90%
Sterility (BacT/ALERT[®] 3D Microbial Detection System) 14-day incubation of NR-9317: i NST culture bottle, 32°C, anaerobic i AST culture bottle, 32°C, aerobic	No growth No growth	No growth No growth
Mycoplasma Contamination Hoechst DNA stain Agar and broth culture (14-day incubation at 37°C) DNA Detection by PCR of Test Article nucleic acid	None detected None detected None detected	None detected None detected None detected

Date: 17 April 2008

Signature: Signature on file

Title: Technical Manager, BEI Authentication or designee

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