

## HEK-TLR4<sup>YFP</sup>/MD-2 Cell Line

### Catalog No. NR-9315

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**Product Description:** The HEK-TLR4<sup>YFP</sup>/MD-2 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 (HEK-TLR4<sup>YFP</sup>; BEI Resources NR-9314), followed by stable transduction with a retrovirus encoding human MD-2.

**Lot: 57819201**

**Manufacturing Date: 21NOV2007**

TEST	SPECIFICATIONS	RESULTS
<b>Growth Properties</b>	Adherent	Adherent
<b>Morphology</b>	Epithelial	Epithelial
<b>Multiplex PCR Amplification of Cytochrome C Oxidase I (COI) Gene</b>	Human origin No evidence of another species	Human origin No evidence of another species
<b>Cell Count</b>	> 1.0 X 10 <sup>6</sup> cells/vial	1.2 X 10 <sup>6</sup> cells/vial
<b>Post-Freeze Viability</b>	≥ 50%	91%
<b>Sterility (BacT/ALERT® 3D Microbial Detection System)</b> 14-day incubation of NR-9315: i NST culture bottle, 32°C, anaerobic i AST culture bottle, 32°C, aerobic	No growth No growth	No growth No growth
<b>Mycoplasma Contamination</b> 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:** 11 April 2008

**Signature:** Signature on file

**Title:** Technical Manager, BEI Authentication or designee

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