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SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for NR-42941

LET1, Lung Epithelial Type I (mouse), Immortalized Cell Line

Catalog No. NR-42941

Product Description: The lung epithelial type 1 (LET1) cell line was generated from lung cells isolated from C57BL/6 wild type mice. The lung cells were cultured and then immortalized by transduction with MSCV-SV40 large T antigen.

Lot: 70004550 **Manufacturing Date: 14APR2017**

TEST	SPECIFICATIONS	RESULTS
Growth Properties	Adherent	Adherent
Morphology	Epithelial	Epithelial
Multiplex PCR Amplification and Barcode Analysis of Cytochrome C Oxidase I (COI) Gene	Murine origin No evidence of another species	Murine origin No evidence of another species
Total Cell Count	> 1.0×10^6 cells per vial	5.1×10^6 cells per vial
Post-Freeze Viability	≥ 50%	95.3%
Sterility (21-day incubation) Harpo's HTYE broth[1], 37°C and 26°C, aerobic Trypticase soy broth, 37°C and 26°C, aerobic Sabouraud broth, 37°C and 26°C, aerobic Blood agar, 37°C, aerobic Blood agar, 37°C, anaerobic Thioglycollate broth, 37°C, anaerobic DMEM with 10% FBS, 37°C and 5% CO_2	 No growth No growth No growth No growth No growth No growth No growth	 No growth No growth No growth 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

[1]Atlas, Ronald M. Handbook of Microbiological Media. 3rd ed. Ed. Lawrence C. Parks. Boca Raton: CRC Press, 2004, p. 798.

Date: 16 AUG 2017 **Signature:**

BEI Resources Authentication

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