

African Green Monkey Kidney Epithelial Cells (Vero E6) Expressing High Endogenous Angiotensin-Converting Enzyme 2

Catalog No. NR-53726

Product Description:

NR-53726 consists of a preparation of African green monkey (*Cercopithecus aethiops*) kidney epithelial cells (Vero E6) expressing high endogenous angiotensin-converting enzyme 2 (ACE2).

Lot: 70050481

Manufacturing Date: 23FEB2022

TEST	SPECIFICATIONS	RESULTS
Growth Properties	Adherent	Adherent
Morphology	Macrophage	Epithelial
Multiplex PCR Amplification of Cytochrome C Oxidase I (COI) Gene	African green monkey origin No evidence of another species	African green monkey origin No evidence of another species
Total Cell Count	> 1.0 × 10 ⁶ cells per vial	3.87 × 10 ⁶ cells per vial
Post-Freeze Viability	≥ 50%	59.0%
Sterility (21-day incubation) Harpo's HTYE broth, 37°C and 26°C, aerobic ¹ Trypticase Soy broth, 37°C and 26°C, aerobic Sabouraud broth, 37°C and 26°C, aerobic Sheep blood agar, 37°C, aerobic Sheep 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 extracted Test Article nucleic acid	None detected None detected None detected	None detected None detected None detected

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

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