

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: 70038079

Manufacturing Date: 10AUG2020

| TEST | SPECIFICATIONS | RESULTS |
|---|---|---|
| Growth Properties | Adherent | Adherent |
| Morphology | Epithelial | 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 | 2.8 × 10 ⁶ cells per vial |
| Post-Freeze Viability | ≥ 50% | 72.0% |
| 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, aerobic | 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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