

***Homo sapiens* Lung Adenocarcinoma Cells (Clone 2B4) with High Expression of Human Angiotensin-Converting Enzyme 2 [Calu-3 (Clone 2B4)-ACE2]**

Catalog No. NR-55340

**Product Description:**

NR-55340 [Calu-3 (Clone 2B4)-ACE2] contains a preparation of *Homo sapiens* lung adenocarcinoma cells (Calu-3) which were cloned by standard limiting dilution to select a clone that expresses increased levels of angiotensin-converting enzyme 2 (ACE2).

Lot: 70046447

Manufacturing Date: 13AUG2021

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>	<i>Homo sapiens</i> origin No evidence of another species	<i>Homo sapiens</i> origin No evidence of another species
<b>Total Cell Count</b>	> 1.0 × 10 <sup>6</sup> cells per vial	3.4 × 10 <sup>6</sup> cells per vial
<b>Post-Freeze Viability</b>	≥ 50%	92.7%
<b>Sterility (21-day incubation)</b> Harpo's HTYE broth, 37°C and 26°C, aerobic <sup>1</sup> 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
<b>Mycoplasma Contamination</b> 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

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

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