

**Homo sapiens Lung Carcinoma Cells (A549), Serum-Free**

**Catalog No. NR-52268**

**Product Description:**

NR-52268 contains a preparation of human (*Homo sapiens*) lung carcinoma cells (A549) grown in a serum-free medium. Cells were grown in VP-SFM (Gibco™ 11681-020) supplemented with 4 mM L-glutamine (ATCC® 30-2214™) at 37°C with 5% CO<sub>2</sub>.

Note: A549 is not a competent cell line for infection with coronaviruses like severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2).

**Lot: 70073608**

**Manufacturing Date: 24MAY2025**

TEST	SPECIFICATIONS	RESULTS
<b>Growth Properties</b>	Adherent	Adherent
<b>Morphology</b>	Epithelial-like	Epithelial-like
<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>Total Cell Count</b>	> 1.0 × 10 <sup>6</sup> cells/vial	9.4 × 10 <sup>6</sup> cells/vial
<b>Post-Freeze Viability</b>	≥ 50%	84.8%
<b>Sterility test (BacT/ALERT 3D)</b> iAST bottle (aerobic) at 32.5°C, 14-day incubation iNST bottle (anaerobic) at 32.5°C, 14-day incubation	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

/Sonia Bjorum Brower/

Sonia Bjorum Brower

Technical Manager, ATCC Federal Solutions

16 JUN 2025

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

