

***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>. Cells were refed with fresh media every 2 to 3 days between passages.

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

**Lot: 70079249**

**Manufacturing Date: 28OCT2025**

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	5.5 × 10 <sup>6</sup> cells/vial
<b>Post-Freeze Viability</b>	≥ 50%	64.1%
<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/

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