

hA549-RFP | 305659

hA549-RFP

Description	A549-RFP is a cell line derived from A549 cells, which are a human epithelial cell line. A549-RFP cells are characterized by the expression of a red fluorescent protein (RFP) under the control of a specific promoter. This cell line is used for various applications, including gene expression studies, protein localization, and cell sorting. A549-RFP cells are grown in DMEM supplemented with 10% FBS. A549-RFP cells are characterized by the expression of a red fluorescent protein (RFP) under the control of a specific promoter. This cell line is used for various applications, including gene expression studies, protein localization, and cell sorting. A549-RFP cells are grown in DMEM supplemented with 10% FBS.
Organism	hA549-RFP
Tissue	hA549-RFP
Disease	hA549-RFP
Synonyms	A 549, A549, NCI-A549, A549/ATCC, A549 ATCC, A549ATCC, hA549

hA549-RFP

Age	58 hA549-RFP
Gender	hA549-RFP
Ethnicity	hA549-RFP
Growth properties	hA549-RFP

hA549-RFP

Citation	A549-RFP (hA549-RFP Cytion 305659)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0023
GMO Status	GMO-S1: hA549-RFP (hA549-RFP Cytion 305659) is a genetically modified organism (GMO) and is not intended for use in food or feed.

Product sheet

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hA549-RFP - **hA549-RFP**

Protein expression	hA549-RFP
Antigen expression	RFP (hA549-RFP)
MSI-status	hA549-RFP p.Gly12Ser, hA549-RFP p.Gln37Ter, hA549-RFP
Mutational profile	hA549-RFP p.Gly12Ser, hA549-RFP p.Gln37Ter, hA549-RFP
Culture Medium	DMEM:Ham's F12 (1:1), hA549-RFP 3.1 mg/ml / hA549-RFP 2.5 mg/ml L-hA549-RFP, hA549-RFP 15 mg/ml HEPES, hA549-RFP 0.5 mg/ml hA549-RFP
Supplements	hA549-RFP 10% FBS
Dissociation Reagent	hA549-RFP
Doubling time	20-40 hA549-RFP
Freeze medium	hA549-RFP hA549-RFP, hA549-RFP hA549-RFP hA549-RFP + 10% DMSO hA549-RFP hA549-RFP hA549-RFP

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**Thawing and
Culturing Cells**

1. **Thawing:** Thaw the cells quickly in a water bath at 37°C. Transfer the cells to a pre-warmed medium.
2. **Centrifugation:** Centrifuge the cells at 300 x g for 5 minutes at 4°C. Remove the supernatant and resuspend the cells in pre-warmed medium.
3. **Seeding:** Seed the cells into a pre-warmed medium in a 25 cm² flask at a density of 1.5 x 10⁵ cells per flask.
4. **Incubation:** Incubate the cells in a humidified atmosphere of 5% CO₂ at 37°C.
5. **Media Change:** Change the medium every 3-4 days.
6. **Passaging:** Pass the cells when they reach 80-90% confluency.
7. **Storage:** Store the cells in liquid nitrogen for long-term storage.

**Incubation
Atmosphere**

37°C, 5% CO₂, humidified

Flask Coating

Yes

**Shipping
Conditions**

Shipped in dry ice, stored at -78°C

**Storage
Conditions**

Store in liquid nitrogen, up to 196 K

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