

A549 | 300114

<b>Description</b>	A549	,	. A549	,
	A549	.		
	A549	.		2
	, A549	.		, ,
	, A549	,	,	.

**Organism**

**Tissue**

**Disease**

<b>Synonyms</b>	A 549, A-549, NCI-A549, hA54
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<b>Age</b>	58
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**Gender**

**Ethnicity**

**Morphology**

**Growth properties**

<b>Citation</b>	A549(	300114)
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<b>Biosafety level</b>	1
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<b>NCBI_TaxID</b>	9606
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<b>CellosaurusAccession</b>	CVCL_0023
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**Protein expression** P53

**Isoenzymes** G6PD, B

**Reverse transcriptase**

**Karyotype** A549 n2 , 64 .

**Culture Medium** DMEM: F12(1:1), w: 3.1 g/L , w: 2.5mM L- , w: 15mM HEPES, w: 0.5mM , w: 1.2 g/L NaHCO3 (Cytion

**Supplements** 10% FBS

**Dissociation Reagent**

**Doubling time** 28

**Subculturing** PBS . T25 3~5ml, T75 5~10ml PBS . T25

**Seeding density**  $1 \times 10^4 / \text{cm}^2$

**Fluid renewal** 2~3

**Post-Thaw Recovery**  $4 \times 10^4 / \text{cm}^2$  , 24 .

**Freeze medium** (FBS ) + 10% DMSO , CM-1(Cytion 800100)

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**Thawing and Culturing Cells**

1. .
2. -150°C , 3 .
3. 37°C 40~60 .
4. , 70% .
5. 8ml 15ml .
6. 300 x g 3 .
7. 10ml . T25 , T25
8. .

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub> .

**Shipping Conditions** -78°C .

**Storage Conditions** -150°C -196°C . 80°C .

/ / HLA

**Sterility** PCR .