Product sheet

A549 | 300114

[redacted]

Description	[redacted] A549 [redacted] A549 [redacted] A549 [redacted] A549 [redacted] A549 [redacted] A549 [redacted]
Organism	[redacted]
Tissue	[redacted]
Disease	[redacted]
Synonyms	A 549, A-549, NCI-A549, hA54

[redacted]

Age	58 [redacted]
Gender	[redacted]
Ethnicity	[redacted]
Morphology	[redacted]
Growth properties	[redacted]

[redacted]

Citation	A549 ([redacted] Cytion 300114)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0023

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[redacted]

Protein expression	P53 [redacted]
Isoenzymes	[redacted]6[redacted], [redacted]
Reverse transcriptase	[redacted]
Karyotype	[redacted] A549 [redacted] n2 [redacted] 64 [redacted]

[redacted]

Culture Medium	DMEM:Ham's F12 (1:1), w: 3.1 [redacted]/[redacted] [redacted], w: 2.5 [redacted] L-[redacted], w: 15 [redacted] HEPES, w: 0.5 [redacted]
Supplements	[redacted] FBS 10%
Dissociation Reagent	[redacted]
Doubling time	28 [redacted]
Subculturing	[redacted] PBS [redacted] T25 [redacted]
Seeding density	1 x 10^4 [redacted]/[redacted] ^
Fluid renewal	2 [redacted] 3 [redacted]
Post-Thaw Recovery	[redacted] 24 [redacted]
Freeze medium	[redacted] ([redacted] FBS) + 10% DMSO

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Thawing and Culturing Cells

1. [redacted]
2. [redacted] cryovial [redacted] -150 [redacted]
3. [redacted] 37°C [redacted]
4. [redacted] 70%
5. [redacted] 15 [redacted]
6. [redacted] 300 x g [redacted] 3 [redacted]
7. [redacted] 10 [redacted]
8. [redacted]

Incubation Atmosphere	37°C, 5% $_{CO2}$, [redacted]
Shipping Conditions	[redacted]
Storage Conditions	[redacted] −150 [redacted] −196 °C [redacted]

[redacted] / [redacted] / HLA

Sterility	[redacted] PCR [redacted]