Product sheet

A549 | 300114

Description	A549 A549 A549 A549 II A549 A549
Organism	
Tissue	
Disease	
Synonyms	A 549 A-549 NCI-A549 hA54

Age	58
Gender	
Ethnicity	
Morphology	
Growth properties	

Citation	A549 Cytion 300114
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0023

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Protein expression	P53
Isoenzymes	G6PD B
Reverse transcriptase	
Karyotype	A549 n2 64

Culture Medium	DMEM Ham's F12 1:1 3.1 g/L 2.5 mM L- 15 mM HEPES w: 0.5 mM w: 1.2 g/L $NaHCO_3$ Cytion
Supplements	10% FBS
Dissociation Reagent	Accutase
Doubling time	28
Subculturing	PBS T25 3-5 PBS T75 5-10 Accutase T25 1–2 T75
Seeding density	1×10^4 /cm^2
Fluid renewal	2 3
Post-Thaw Recovery	5×10^4 /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. 8 15
6. 300 x g 3
7. 10 T25 T25
8.

Incubation Atmosphere

37°C 5% CO_2

Shipping Conditions

−78 °C

Storage Conditions

−150 −196 °C −80 °C

Sterility

PCR