

Product sheet

A549 | 300114

Description

A549 A549 A549 A549 A549 A549 II

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

B G6PD

Reverse transcriptase
Karyotype

A549

n2

64

Culture Medium
DMEM:Ham's F12 1:1 w: 3.1 g/L w: 2.5 mM L- w: 15 mM HEPES w: 0.5 mM w: 1.2 g/L NaHCO₃ Cytion 8
Supplements

10% FBS

Dissociation Reagent

Accutase

Doubling time

28

Subculturing

PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5

Seeding density
 1×10^4 /
Fluid renewal

2 3

Post-Thaw Recovery
⁴ /5×10

24

Freeze medium

FBS +10% DMSO CM-1 Cytion 800100 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%_{CO2}

Flask Coating

Shipping
Conditions

-78 °C

Storage
Conditions

-150 -196 -80 °C

Sterility

PCR