

NCI-H322 | 305839

Description	NCI-H322	NSCLC	NCI	
	NCI-H322	KRAS	MAPK/ERK PI3K/AKT EGFR	KRAS
	NCI-H322	MEK	PI3K	KRAS

Organism

Tissue

Disease

Synonyms H322 H-322 H322T NCI-H322T NCIH322T NCI-322 NCIH322

Age 52

Gender

Ethnicity

Cell type

Growth properties

Citation NCI-H322 Cytion 305839

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_1556

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Mutational profile	TP53	p.Arg248Leu (c.743G>T)	(PubMed=1311061, PubMed=1565469, PubMed=10536175, PubMed=20557307)
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Culture Medium	RPMI 1640	2.0 mM	2.0 g/L NaHCO ₃	Cytion	820700a
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Supplements	10%	FBS
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Dissociation Reagent	Accutase
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Doubling time	50
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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
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Shipping Conditions	-78 °C
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**Storage
Conditions**

-150 -196 °C

-80 °C

Sterility

PCR