

NCI-H2122 | 305600

Description	NCI-H2122	(NSCLC)	MAPK	KRAS G12C
	NCI-H2122	MAPK	, CRISPR	MEK
	NCI-H2122		BRAF	

Organism

Tissue

Disease

Metastatic site

Synonyms H2122, H-2122, NCH2122

Age	46
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Gender

Ethnicity

Morphology ,

Growth properties	/
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Citation	NCI-H2122(305600)
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Biosafety level 1

NCBI_TaxID	9606
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CellosaurusAccession CVCL_1531

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Mutational profile : : KRAS, p.Gly12Cys(c.34G>T), ; : : TP53, p.Gln16Leu(c.47A>T), ; : TP53, p.Cys176Phe (c.527G>A)

Culture Medium RPMI 1640, w: 2.0mM , w: 2.0g/L NaHCO3(820700a)

Supplements 10% FBS

Dissociation Reagent

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

Fluid renewal 2~3

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

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. .

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Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Freezing Procedure -78°C

Shipping Conditions -78°C

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

/ / HLA

Sterility PCR