

NCI-H23 | 305044

Description	mRNA	59 NCI-H23	c-myc DNA	K-ras 12 20	p53 c-myc RNA	246	ATC →ATG, 5+8 18	->	C-myc L-myc
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Organism

Tissue

Disease

Metastatic site

Applications	KRAS G12C	EGFR	c-Myc	NCI-60	PDGF/TGF-β
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Synonyms	NCI-H23 NCI.H23 NCI H23 H-23 NCIH23
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Age	51
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Gender

Ethnicity

Morphology

Cell type

Growth properties

Citation	NCI-H23 Cytion 305044
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_1547																		
GMO Status	KRAS G12C TP53 246																		
Protein expression	Myc+ src+ abl+ erb+ ras+ sis-																		
Culture Medium	RPMI 1640 w 2.0 mM			w 2.0 g/L NaHCO3			Cytion			820700a									
Supplements	10% FBS																		
Dissociation Reagent	Accutase																		
Doubling time	38																		
Subculturing	PBS		T25		3-5		PBS T75		5-10		Accutase		T25		1-2		T75		2.5
Split ratio	1 3																		
Seeding density	1 3 × 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			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

Freezing Procedure -78 °C

Shipping Conditions -78 °C

Storage Conditions -150 -196 ❏ -80 °C

/ /HLA

Sterility PCR

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STR

Amelogenin: x,x
CSF1PO: 10
D13S317: 12
D16S539: 11
D5S818: 12,13
D7S820: 9,1
TH01: 6
TPOX: 8,9
vWA: 16,17
D3S1358: 15
D21S11: 30
D18S51: 14
Penta E: 7,17
Penta D: 8
D8S1179: 15
FGA: 24
D6S1043: 12
D2S1338: 18,23
D12S391: 15,17
D19S433: 12,14