

LoVo | 300266

Description	LOVO	IV	C		APC	Kirsten		KRAS	p53	TP53	
	LoVo			LoVo			LoVo				
			LoVo					LoVo		lovo	LoVo
	LoVo					β 1				MMP2	
	LoVo										

Organism

Tissue	IV	C
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Disease

Metastatic site

Synonyms

Age	56
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Gender

Morphology

Growth properties

Citation	LoVo Cytion 300266
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_0399
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LoVo | 300266

Antigen expression HLA A11 B15 B17 Cw1 Cw3 B

Isoenzymes G6PD B PGM1 2 PGM3 1-2 6PGD A ES-D 1

Oncogenes Myc +, myb +, ras +, fos +, p53 +, sis -, abl -, ros -, src -

Tumorigenic

Reverse transcriptase

Products (CEA) 908 /106 /10

Mutational profile LOVO Kras 13 GGC Wt Gly >GAC Asp

Culture Medium Ham's F12K w 2.0 mM L- w 2.0 mM w 2.5 g/L NaHCO3 Cytion 820608a

Supplements 10% FBS

Dissociation Reagent Accutase

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

Freezing Procedure -78 °C

Shipping Conditions -78 °C

Storage Conditions -150 -196 -80 °C

/ /HLA

Sterility PCR

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HLA

A*: '01:01:01, '32:01:01

B*: '27:08:00, '57:55:00

C*: '06:02:01

DRB1*: '13:01:01, '13:02:01

DQA1*: '01:02:01, '01:03:01

DQB1*: '06:03:01, '06:04:01

DPB1*: '02:01:02, '04:01:01

E: '01:01:01