

LS174T | 300392

Description	LS147T	LS-180	58	B	LS-180	10	LS-147T	LS-147T	LS-147T	HT-2
	LS-147T			LS-180			LS-147T	CEA		

Organism

Tissue

Disease

Synonyms LS174T LS174T LS-174-T LS-174-T LS 174 T LS174T LS-174T LS 174T LS-174 LS174

Age 58

Gender

Ethnicity

Morphology

Growth properties

Citation LS174T Cytion 300392

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_1384

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Protein expression 3+ CEA+ p53- GFAP- mRNA +

Antigen expression HLA A2 B13 B50 O

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

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

Tumorigenic

Reverse transcriptase

Products (CEA) 10 1944 /106 -10 (IL-10) -6 (IL-6)

Mutational profile LS-174T Kras 12 GGT Wt Gly >GAT Asp

Karyotype 45,x x

Culture Medium EMEM MEM Eagle w 2 mM L- w 2.2 g/L NaHCO3 w EBSS Cytion 820100a

Supplements 10% FBS 1% NEAA

Dissociation Reagent Accutase

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

Seeding density 5×10^4 /

Fluid renewal 2 3

Post-Thaw Recovery 5×10^4 24

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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

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Sterility

PCR

HLA

A*: 02:xx, '30:01:01

B*: '13:xx '35:01:01

C*: 04:01:01, '06:xx

DRB1*: '04:02:01, '07:01:01

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

DQB1*: '02:02:01, '03:02:01

DPB1*: '03:01:01G, '04:01:01

E: '01:01, '01:03