

LS174T | 300392

Description	LS147T	LS-180	58	B	LS-180	10	LS-147T
	LS-147T				LS-180		

Organism

Tissue

Disease

Synonyms	LS174T LS174T LS174-T LS174-T LS174T LS174T LS-174 LS174
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Age	58
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Gender

Ethnicity

Morphology

Growth properties

Citation	LS174T	300392
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Biosafety level 1

NCBI_TaxID	9606
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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 1944 ng/106 cells in 10 days -10 IL-10 -6 IL-6

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

Karyotype 45,x x 1

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

Subculturing PBS T25 3-5ml T75 5-10ml PBS T25 1-2m

Seeding density $5.8 \times 10^4 \text{ cm}^{-2}$

Fluid renewal 2 3

Post-Thaw Recovery $\frac{4}{\sqrt{10}}$ 24

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Freeze medium

FBS 10 DMSO

CM-1

Thawing and Culturing Cells

- 1.
2. -150 3
3. 37 40 60
4. 70
5. 8ml 15ml
6. 300 x g 3
7. 10ml 2 T25
- 8.

Incubation Atmosphere

37 5% CO₂

Flask Coating

Freezing Procedure

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Shipping Conditions

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Storage Conditions

-150 -196 80

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