

LS174T | 300392

<b>Description</b>	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**  $5 \times 10^4$  /

**Fluid renewal** 2 3

**Post-Thaw Recovery**  $5 \times 10^4$  24

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**Freeze medium** FBS +10% DMSO CM-1 Cytion 800100 CM-1 Cytion 800100

**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% CO<sub>2</sub>

**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