

Product sheet

LS174T | 300392

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

Organism

Tissue

Disease

SynonymsLS174T LS174t Ls-174-T LS-174-T LS 174 T LS174T Ls-174T LS 174T LS-174 LS174

Age58

Gender

Ethnicity

Morphology

Growth properties

CitationLS174T Cytion 300392

Biosafety level1

NCBI_TaxID9606

CellosaurusAccessionCVCL_1384

LS174T | 300392

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 ng/106 -10 IL-10 -6 IL-6

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

Karyotype 45,x X

Culture Medium EMEM MEM Eagle 2 mM L- 2.2 g/L NaHCO₃ 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

Seeding density 5 $8 \times 10^4 / \text{cm}^2$

Fluid renewal 2 3

Post-Thaw Recovery $4 / \text{cm}^2 \times 10^5$ 24

Product sheet

LS174T | 300392

Freeze
medium

FBS + 10% DMSO

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% CO₂

Shipping
Conditions

-78 °C

Storage
Conditions

-150 -196 °C

-80 °C

Sterility

PCR