



**Product sheet**

**LS174T | 300392**

<b>Protein expression</b>	CD3 + CEA + p53 - GFAP - CD44 CD133 CD138 CD147 CD166 +
<b>Antigen expression</b>	HLA A2 B13 B13 B50 CD44 CD45 O
<b>Isoenzymes</b>	LDH1: 6 1 1 1 3 2 1 1 1 1
<b>Oncogenes</b>	Myc+ myb+ ras+ fos+ p53+ p53+ sis- abl- ros- src-
<b>Tumorigenic</b>	Yes
<b>Reverse transcriptase</b>	No
<b>Products</b>	CD3 (CEA) 1944 CD44/106 CD45 10 CD44 CD45 10 (IL-10) CD45 6 (IL-6)
<b>Mutational profile</b>	LS-174T CD44 CD45 12 GGT (Wt Gly) >GAT (Asp)
<b>Karyotype</b>	45,x CD44 CD45 x CD44 CD45 CD44 CD45 CD44 CD45
<b>Characteristics</b>	
<b>Culture Medium</b>	EMEM (MEM Eagle) 2 CD44 CD45-CD44 CD45 2.2 NaHCO3 EBSS (CD44 CD45 820100a CD44 CD45)
<b>Supplements</b>	CD44 CD45 10 CD44 CD45 CD44 CD45 1 CD44 CD45 CD44 CD45
<b>Dissociation Reagent</b>	CD44 CD45
<b>Subculturing</b>	CD44 CD45 CD44 CD45 CD44 CD45 CD44 CD45 PBS CD44 CD45 CD44 CD45 CD44 CD45 CD44 CD45
<b>Seeding density</b>	5 CD44 CD45 $8 \times 10^4$
<b>Fluid renewal</b>	2 CD44 CD45 CD44 CD45
<b>Post-Thaw Recovery</b>	CD44 CD45 $1 \times 10^6$ CD44 CD45 CD44 CD45 CD44 CD45 24 CD44 CD45 CD44 CD45

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**Freeze medium**

Freeze medium: 10% FBS + 10% DMSO

**Thawing and Culturing Cells**

1. Thaw cells in a 37°C water bath.
2. Centrifuge cells at 300 x g for 3 minutes.
3. Wash cells with PBS.
4. Resuspend cells in 70% FBS.
5. Seed cells into a 15 cm dish.
6. Incubate cells for 8 days.
7. Harvest cells at 10 days.
8. Analyze cells.

**Incubation Atmosphere**

37°C, 5% CO<sub>2</sub>

**Flask Coating**

Yes

**Freezing Procedure**

Freeze cells in a 15 mL cryovial at -80°C.

**Shipping Conditions**

Ship cells at -80°C.

**Storage Conditions**

Store cells at -150°C to -196°C.

LS174T / HLA

