

Product sheet

RL95-2 | 305062

General information

<b>Description</b>	Cell line derived from a patient with metastatic melanoma, established by primary explantation of a metastatic lesion, maintained in DMEM supplemented with 10% FBS and 1% penicillin/streptomycin.
<b>Organism</b>	Human
<b>Tissue</b>	Skin, melanocytic nevi
<b>Disease</b>	Melanoma
<b>Synonyms</b>	RL95_2, RL-95-2, RL-952, RL952, RL95

Characteristics

<b>Age</b>	65 years
<b>Gender</b>	Male
<b>Ethnicity</b>	White
<b>Morphology</b>	Epithelial
<b>Growth properties</b>	Adherent

Documentation

<b>Citation</b>	RL95-2 (Cytion 305062)
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_0505

Additional information

Notes

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**Culture Medium** DMEM:Ham's F12 (1:1), w: 3.1 g/L  $\beta$ -mercaptoethanol, w: 2.5 mM L-ascorbic acid, w: 15 mM HEPES, w: 0.5 mM  $\text{CaCl}_2 \cdot \text{H}_2\text{O}$ , w: 1.2 g/L  $\text{NaHCO}_3$  820400a)

**Supplements**  $\beta$ -mercaptoethanol 10% FBS, 0.005  $\mu\text{g}/\mu\text{l}$   $\text{CaCl}_2 \cdot \text{H}_2\text{O}$

**Dissociation Reagent**  $\beta$ -mercaptoethanol

**Subculturing** Cells are cultured in DMEM:Ham's F12 (1:1) supplemented with 10% FBS, 0.005  $\mu\text{g}/\mu\text{l}$   $\text{CaCl}_2 \cdot \text{H}_2\text{O}$  and 15 mM HEPES. For subculturing, cells are washed with PBS and dissociated with  $\beta$ -mercaptoethanol. Cells are then resuspended in DMEM:Ham's F12 (1:1) supplemented with 10% FBS, 0.005  $\mu\text{g}/\mu\text{l}$   $\text{CaCl}_2 \cdot \text{H}_2\text{O}$  and 15 mM HEPES.

**Split ratio** 1:2 to 1:4

**Fluid renewal** 2 to 3 times per week

**Freeze medium** DMEM:Ham's F12 (1:1) supplemented with 10% FBS, 0.005  $\mu\text{g}/\mu\text{l}$   $\text{CaCl}_2 \cdot \text{H}_2\text{O}$  and 15 mM HEPES + 10% DMSO

**Thawing and Culturing Cells**

1. Thaw the cells in a water bath at 37°C.
2. Wash the cells with PBS.
3. Resuspend the cells in DMEM:Ham's F12 (1:1) supplemented with 10% FBS, 0.005  $\mu\text{g}/\mu\text{l}$   $\text{CaCl}_2 \cdot \text{H}_2\text{O}$  and 15 mM HEPES.
4. Seed the cells into a well of a 96-well plate at a density of 70%.
5. Incubate the cells at 37°C for 15 minutes.
<6. Wash the cells with PBS.7. Resuspend the cells in DMEM:Ham's F12 (1:1) supplemented with 10% FBS, 0.005  $\mu\text{g}/\mu\text{l}$   $\text{CaCl}_2 \cdot \text{H}_2\text{O}$  and 15 mM HEPES.
8. Seed the cells into a well of a 96-well plate at a density of 70%.

**Incubation Atmosphere** 37°C, 5%  $\text{CO}_2$ , humidified

**Flask Coating** None

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**Freezing Procedure** ... -78°C

**Shipping Conditions** ... -78°C

**Storage Conditions** ... -150 196 ...

**STR / HLA**

**Sterility** ...

- STR**
- Amelogenin:** x,x
- CSF1PO:** 10,11
- D13S317:** 8,12
- D16S539:** 11,13
- D5S818:** 10,11
- D7S820:** 10
- TH01:** 9,9.3
- TPOX:** 8
- vWA:** 16,2
- D3S1358:** 14,16
- D21S11:** 28,29
- D18S51:** 10,14
- Penta E:** 5,11
- Penta D:** 9
- D8S1179:** 10,14
- FGA:** 20,22
- D6S1043:** 19
- D2S1338:** 22,23
- D12S391:** 15,21
- D19S433:** 15