

Product sheet

RCC-LR | 300236

General information

Description	Cell line derived from a 63-year-old male patient with renal cell carcinoma (RCC) pT3a, No, M1/GIII. HLA-A2.1 positive.
Organism	Human
Tissue	Renal cell carcinoma
Disease	Renal cell carcinoma
Synonyms	KTCTL120, RCC-LR

Donor information

Age	63 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Adherent, suspension

Identification and safety

Citation	RCC-LR (Cell line) Cytion 300236
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_5883

Surface markers and antigens

Surface antigens	CD8, CD18, CD19, CD44, CD45, CD45RO, CD45RA, CD45RO, CD45RA
-------------------------	---

RCC-LR | 300236

**Thawing and
Culturing Cells**

1. Thaw the vial rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 15 µl of medium. Seed the cells into a 96-well plate.
3. Incubate the cells at 37°C with 5% CO₂ in a humidified atmosphere. The cells should reach 70% confluency within 7-10 days.
4. Harvest the cells by trypsinization. Seed the cells into a new 96-well plate.
5. Repeat the process for subsequent passages.
6. For long-term storage, freeze the cells in a cryovial with 150 µl of freezing medium. Store at -150°C.
7. Thaw the cells rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed medium.
8. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 15 µl of medium. Seed the cells into a 96-well plate.

Incubation Atmosphere 37°C, 5% CO₂, humidified atmosphere

Flask Coating None

Freezing Procedure Freeze the cells in a cryovial with 150 µl of freezing medium. Store at -150°C.

Shipping Conditions Store at -150°C.

Storage Conditions Store at -150°C for up to 196 days.

HLA

Sterility The cells are free of mycoplasmas and other contaminants. PCR screening is performed on each passage.

XXXXRCC-LR | 300236

XXXXXX STR

Amelogenin: x,x
CSF1PO: 12
D13S317: 12,14
D16S539: 12
D5S818: 13
D7S820: 11,12
TH01: 7,8
TPOX: 8,1
vWA: 16,17
D3S1358: 16,17
D21S11: 29,3
D18S51: 13,14
Penta E: 12
Penta D: 9,14
D8S1179: 14,15
FGA: 20,22
PEZ6: HROG15