

Product sheet

RCC-ER | 300238

General Information

Description	Cell line established in 1999 from a patient with renal cell carcinoma, pT3a, N1, Mx/GIII, age 57.
Organism	Human
Tissue	Kidney
Disease	Renal cell carcinoma, pT3a, N1, Mx/GII
Synonyms	KTCTL-13, KTCTL13, KTCTL 13, RCCER

Cell Characteristics

Age	57 years
Gender	Male
Ethnicity	White
Morphology	Epithelial cells
Growth properties	Adherent, requires growth factors

Documentation

Citation	RCC-ER (Cell Culture) Cytion 300238
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_5870

Antigen Expression

Surface antigens	CD8, CD18, CD19, CD44, CD45
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Thawing and Culturing Cells

1. Thaw the vial rapidly in a 37°C water bath. Do not vortex. Transfer the cells to a pre-warmed medium.
2. Centrifuge at 300 x g for 3 minutes. Resuspend in 150 µl of medium. Incubate at 37°C for 24 hours.
3. Seed cells into a 96-well plate (15 µl per well) in a 37°C incubator with 5% CO₂.
4. After 24 hours, the cells should be at 70% confluency.
5. Harvest cells into a 15 ml tube and centrifuge at 300 x g for 3 minutes.
6. Resuspend in 300 µl of medium. Seed into a 96-well plate (10 µl per well) in a 37°C incubator with 5% CO₂.
7. After 24 hours, the cells should be at 70% confluency.
8. Harvest cells into a 15 ml tube and centrifuge at 300 x g for 3 minutes.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating None

Freezing Procedure Harvest cells into a 15 ml tube and centrifuge at 300 x g for 3 minutes. Resuspend in 100 µl of freezing medium. Freeze at -80°C.

Shipping Conditions Store at -80°C.

Storage Conditions Store at -150°C for 196 weeks.

HLA

Sterility The cells are free of mycoplasmas and PCR detectable. The cells are free of endotoxins.

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XXXXXXXX STR

Amelogenin: x,y
CSF1PO: 10,11
D13S317: 11,13
D16S539: 9,12
D5S818: 11
D7S820: 10,12
TH01: 6
TPOX: 8,11
vWA: 17,18
D3S1358: 18
D21S11: 30,21.2
D18S51: 14,17
D8S1179: 12:15
FGA: 21,26
D2S1338: 17,23
D19S433: 13.2, 15.2

XXXXXXXX HLA

A*: '02:01:01, '24:02:01
B*: 13:02:01, 35:01:01
C*: 04:01:01, 06:02:01
DRB1*: 07:01:01, 13:01:01
DQA1*: '01:03:01, '02:01:01
DQB1*: 02:02:01, 06:03:01
DPB1*: 04:01:01
E: 01:01:01