

**RCC-WK | 300243**

**General information**

<b>Description</b>	Human kidney cancer cell line, pT3b, No, Mx/ GII, established in 1975.
<b>Organism</b>	Human
<b>Tissue</b>	Kidney
<b>Disease</b>	Renal cell carcinoma, pT3b, Mx/ GII
<b>Synonyms</b>	KTCTL-87, KTCTL87, RCCWK

**Cell characteristics**

<b>Age</b>	75 years
<b>Gender</b>	Male
<b>Ethnicity</b>	White
<b>Morphology</b>	Epithelial
<b>Growth properties</b>	Adherent, suspension

**Documentation**

<b>Citation</b>	RCC-WK (ATCC CCL-222)   Cytion 300243
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_5888

**Protein expression**

<b>Protein expression</b>	IL8
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**IL8 RCC-WK | 300243**

**Mutational profile** IL8 RS1126647 3-UTR SNP A>T

**IL8 RCC-WK**

**Culture Medium** RPMI 1640, w: 2.0 mM  $\beta$ -mercaptoethanol, w: 2.0 g/L NaHCO<sub>3</sub> (Cytion 820700a)

**Supplements** 10% FBS

**Dissociation Reagent**

**Subculturing** Cells are cultured in RPMI 1640 medium supplemented with 10% FBS in T25, T75 or 150 cm<sup>2</sup> flasks. Cells are harvested by trypsinization and centrifugation at 300 x g for 5 min. Cells are resuspended in RPMI 1640 medium supplemented with 10% FBS.

**Split ratio** 1:3 or 1:8

**Fluid renewal** 1:2

**Freeze medium** RPMI 1640 medium supplemented with 10% FBS + 10% DMSO

**Thawing and Culturing Cells**

1. Thaw cells rapidly at 37°C and centrifuge at 300 x g for 5 min. Remove supernatant and resuspend cells in RPMI 1640 medium supplemented with 10% FBS.
2. Seed cells into T25, T75 or 150 cm<sup>2</sup> flasks in RPMI 1640 medium supplemented with 10% FBS. Incubate at 37°C in 5% CO<sub>2</sub>.
3. Monitor cell growth and confluency. Cells should reach 70-80% confluency within 3-7 days.
4. Harvest cells by trypsinization and centrifugation at 300 x g for 5 min. Resuspend cells in RPMI 1640 medium supplemented with 10% FBS.
5. Seed cells into T25, T75 or 150 cm<sup>2</sup> flasks in RPMI 1640 medium supplemented with 10% FBS. Incubate at 37°C in 5% CO<sub>2</sub>.
6. Monitor cell growth and confluency. Cells should reach 70-80% confluency within 3-7 days.
7. Harvest cells by trypsinization and centrifugation at 300 x g for 5 min. Resuspend cells in RPMI 1640 medium supplemented with 10% FBS.
8. Seed cells into T25, T75 or 150 cm<sup>2</sup> flasks in RPMI 1640 medium supplemented with 10% FBS. Incubate at 37°C in 5% CO<sub>2</sub>.



██████RCC-WK | 300243

██████ HLA

**A\***: '11:01:01, '30:01:01

**B\***: 13:02:01, 35:01:01

**C\***: 04:01:01, 06:02:01

**DRB1\***: 04:07:01, 07:01:01

**DQA1\***: '02:01:01, '03:03:01

**DQB1\***: '02:02:01, '03:01:01

**DPB1\***: '03:01:01, '04:02:01

**E**: 01:01:01