

TT | 305027

General information

Description	TT is a cell line derived from a patient with colorectal cancer (C-CEA). The cells are characterized by the presence of the L-phenotype. The cells are grown in RPMI 1640 medium.
Organism	
Tissue	Colon, rectum
Disease	Colorectal cancer, stage 2
Metastatic site	Metastatic site (colorectal cancer, stage 2)
Applications	TT is used for the study of colorectal cancer, for the study of the L-phenotype, for the study of the effect of the L-phenotype on the growth of the cells, for the study of the effect of the L-phenotype on the metastatic site, for the study of the effect of the L-phenotype on the growth of the cells, for the study of the effect of the L-phenotype on the metastatic site.
Synonyms	MTC-TT

Cell characteristics

Age	77 years
Gender	
Ethnicity	
Morphology	Epithelial cells
Cell type	Epithelial cells (C / L-phenotype)
Growth properties	

Cell culture conditions

Citation	TT (Cytion 305027)
Biosafety level	1
NCBI_TaxID	9606

CellosaurusAccession CVCL_1774

~~XXXXXXXXXX XIX-XXXXXXXXXXXXXXXXXX~~

Tumorigenic ☒ ☒

XXXXXX

Supplements 10% FBS, 1% NEAA 1mM Sodiumpyruvat

Doubling time ☒-36 ☒☒48 ☒☒☒☒

Split ratio 1 3

Fluid renewal 2 3 4 5 6 7 8 9 10

Post-Thaw Recovery

[illegible]

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Thawing and
Culturing Cells

1. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C孵育箱中培养。
2. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于-150°C超低温冰箱中保存。
3. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C孵育箱中培养。
4. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于70%相对湿度环境中。
5. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于15" x 8" x 8"的环境中。
6. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于300 x g离心3分钟。
7. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于10" x 10"的环境中。
8. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于T2环境中。

Incubation
Atmosphere

37°C, 5% CO₂, 饱和湿度

Flask Coating

无涂层

Freezing
Procedure

将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于-78°C超低温冰箱中保存。

Shipping
Conditions

将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于-78°C超低温冰箱中保存。

Storage
Conditions

将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于-150°C超低温冰箱中保存。

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Sterility

将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于PCR管中，进行PCR反应。

将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于PCR管中，进行PCR反应。