

HuTu-80 | 300218

General information

Description	HuTu-80 is a human colorectal adenocarcinoma cell line. It is a highly invasive, metastatic cell line that is widely used in cancer research. HuTu-80 cells are derived from a 53-year-old male patient with a history of colorectal cancer. The cells were established in 1980 and are now maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS). HuTu-80 cells are characterized by their ability to form large, solid, invasive colonies in vitro and to metastasize to various organs in vivo. The cells are highly sensitive to chemotherapy and radiation therapy. HuTu-80 cells are also used to study the mechanisms of tumor progression and metastasis.
Organism	Human
Tissue	Colorectal adenocarcinoma
Disease	Colorectal cancer
Synonyms	HUTU 80, Hutu 80, HuTu 80, HUTU-80, Hutu-80, HUTU80, HuTu80, Hutu80

Cell characteristics

Age	53 years
Gender	Male
Ethnicity	Chinese
Morphology	Epithelial cells
Growth properties	Adherent

Cell culture conditions

Citation	HuTu-80 (ATCC CCL-1301) Cytion 300218
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1301

Cell culture media and supplements

Cytion GmbH | Nikola-Tesla-Str. 3 | 69124 Heidelberg | Heidelberg
Heidelberg +49(0)6221 405780 | www.cytion.com | info@cytion.com

HuTu-80 | 300218

**Thawing and
Culturing Cells**

1. 将细胞冻存管放入 37°C 水浴中快速解冻，解冻后立即将细胞悬液转移到含有 1 mL 培养基的细胞培养瓶中，轻轻混匀。
2. 将细胞悬液转移到含有 10 mL 培养基的细胞培养瓶中，轻轻混匀。将细胞培养瓶放入 37°C 培养箱中培养 24 小时。
3. 将细胞培养瓶放入 37°C 培养箱中培养 24 小时。
4. 将细胞培养瓶放入 37°C 培养箱中培养 24 小时。
5. 将细胞培养瓶放入 37°C 培养箱中培养 24 小时。
6. 将细胞培养瓶放入 37°C 培养箱中培养 24 小时。
7. 将细胞培养瓶放入 37°C 培养箱中培养 24 小时。
8. 将细胞培养瓶放入 37°C 培养箱中培养 24 小时。

**Incubation
Atmosphere**

37°C, 5% CO₂, 饱和湿度

Flask Coating

无涂层

**Freezing
Procedure**

将细胞悬液转移到含有 1 mL 培养基的细胞冻存管中，轻轻混匀。将细胞冻存管放入 -80°C 冰箱中冷冻 24 小时。

**Shipping
Conditions**

将细胞冻存管放入 -80°C 冰箱中冷冻 24 小时。

**Storage
Conditions**

将细胞冻存管放入 -80°C 冰箱中冷冻 24 小时。

细胞冻存液

Sterility

细胞冻存液经过严格的无菌处理，不含任何抗生素。细胞冻存液经过严格的无菌处理，不含任何抗生素。