

DLD-1 | 300220

General information

Description	DLD-1 is a human colorectal adenocarcinoma cell line. It is derived from a 67-year-old male patient with a primary tumor in the sigmoid colon. The cell line is characterized by a high degree of malignancy and is capable of forming tumors in nude mice. It is a highly proliferative cell line with a doubling time of approximately 24 hours. The cell line is sensitive to various chemotherapeutic agents, including 5-fluorouracil, oxaliplatin, and irinotecan. It is a valuable model for studying colorectal cancer biology and drug response.
Organism	Human
Tissue	Colorectal adenocarcinoma
Disease	Colorectal cancer
Synonyms	DLD 1, DLD1, CoCL3

Cell culture

Age	67 years
Gender	Male
Morphology	Epithelial cells
Growth properties	Highly proliferative

Characterization and authentication

Citation	DLD-1 (ATCC CCL-22) Cytion 300220
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0248

Protein expression and analysis

Protein expression	High
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[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，将细胞培养瓶置于37°C CO₂培养箱中培养。
2. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将培养基更换为新鲜培养基。
3. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将培养基更换为新鲜培养基。
4. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将培养基更换为新鲜培养基。
5. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将培养基更换为新鲜培养基。
6. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将培养基更换为新鲜培养基。
7. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将培养基更换为新鲜培养基。
8. 将细胞培养瓶置于37°C CO₂培养箱中培养，待细胞贴壁后，将培养基更换为新鲜培养基。

**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冻存液的冻存管中，轻轻混匀，将冻存管置于-80°C冰箱中冷冻。

**Shipping
Conditions**

将细胞悬液加入含有冻存液的冻存管中，轻轻混匀，将冻存管置于-80°C冰箱中冷冻。

**Storage
Conditions**

将细胞悬液加入含有冻存液的冻存管中，轻轻混匀，将冻存管置于-80°C冰箱中冷冻。

细胞培养

Sterility

本产品经过严格的灭菌处理，不含任何细菌、真菌、支原体、病毒等污染物。本产品适用于PCR、测序、芯片、微阵列等高通量实验。