

Cell A673 | 300454

General information

Description	Cell A673 is a human cell line derived from a 15-year-old male patient with a diagnosis of acute myeloid leukemia (AML). The cells were established in 1980 and are maintained in RPMI 1640 medium supplemented with 10% fetal bovine serum (FBS). The cells are characterized by a high degree of proliferation and are suitable for various biological and clinical studies. The cell line is designated as A673 and is associated with the Cytion 300454 product.
Organism	Human
Tissue	Leukemia
Disease	Acute myeloid leukemia (AML)
Synonyms	A-673, RMS 1598, RMS1598

Cell characteristics

Age	15 years
Gender	Male
Ethnicity	German
Morphology	Granulocytic leukemia
Growth properties	High proliferation, adherent

Cell line identification

Citation	A673 (Cell A673 Cytion 300454)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0080

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Tumorigenic	Yes, in vivo and in vitro tumorigenic
Virus susceptibility	Not known to be susceptible to any viruses
Cell lines	None
Culture Medium	DMEM, w: 4.5 g/L D-glucose , w: 4 mM L- glutamine , w: 3.7 g/L NaHCO ₃ , w: 1.0 mM sodium pyruvate (Sigma Cell Culture Cytion 8203)
Supplements	FBS 10% FBS
Dissociation Reagent	Trypsin
Doubling time	28 hours
Subculturing	Cells are passaged every 3-5 days into fresh media using trypsin digestion and resuspension into DMEM containing 10% FBS and 10% DMSO for storage at -80°C until needed for use in experiments or for further passaging into fresh media using trypsin digestion and resuspension into DMEM containing 10% FBS and 10% DMSO for storage at -80°C until needed for use in experiments or for further passaging into fresh media using trypsin digestion and resuspension into DMEM containing 10% FBS and 10% DMSO for storage at -80°C until needed for use in experiments or for further passaging into fresh media using trypsin digestion and resuspension into DMEM containing 10% FBS and 10% DMSO for storage at -80°C until needed for use in experiments or for further passaging into fresh media using trypsin digestion and resuspension into DMEM containing 10% FBS and 10% DMSO for storage at -80°C until needed for use in experiments or for further passaging into fresh media using trypsin digestion and resuspension into DMEM containing 10% FBS and 10% DMSO for storage at -80°C until needed for use in experiments or for further passaging into fresh media using trypsin digestion and resuspension into DMEM containing 10% FBS and 10% DMSO for storage at -80°C until needed for use in experiments or for further passaging into fresh media using trypsin digestion and resuspension into DMEM containing 10% FBS and 10% DMSO for storage at -80°C until needed for use in experiments or for further passaging into fresh media using trypsin digestion and resuspension into DMEM containing 10% FBS and 10% DMSO for storage at -80°C until needed for use in experiments or for further passaging into fresh media using trypsin digestion and resuspension into DMEM containing 10% FBS and 10% DMSO for storage at -80°C until needed for use in experiments or for further passaging into fresh media using trypsin digestion and resuspension into DMEM containing 10% FBS and 10% DMSO for storage at -80°C until needed for use in experiments or for further passaging into fresh media using trypsin digestion and resuspension into DMEM containing 10% FBS and 10% DMSO for storage at -80°C until needed for use in experiments or for further passaging into fresh media using trypsin digestion and resuspension into DMEM containing 10% FBS and 10% DMSO for storage at -80°C until needed for use in experiments or for further passaging into fresh media using trypsin digestion and resuspension into DMEM containing 10% FBS and 10% DMSO for storage at -80°C until needed for use in experiments or for further passaging into fresh media using trypsin digestion and resuspension into DMEM containing 10% FBS and 10% DMSO for storage at -80°C until needed for use in experiments or for further passaging into fresh media using trypsin digestion and resuspension</

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Flask Coating

37°C, 5% CO₂, ☐☐☐☐☐☐ ☐☐

Freezing Procedure

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