

Cell Line L-591 | 300202

General Information

Description	L-591 is a human cell line derived from a patient with acute myeloid leukemia (AML). It is characterized by the presence of the t(8;21) translocation, resulting in the fusion of the APL1 and APL2 genes. The cell line is maintained in RPMI 1640 medium supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin. It is a continuous cell line and is used for studying the effects of various drugs on AML cells.
Organism	Human
Tissue	Leukemia
Disease	Acute myeloid leukemia (AML)
Synonyms	L 591, L591

Cell Characteristics

Age	31 years
Gender	Male
Morphology	Epithelial
Cell type	Epithelial
Growth properties	Adherent

Cell Line Identification

Citation	L-591 (Cell Line) Cytion 300202
Biosafety level	2
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1867

Cell Line Maintenance

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

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Shipping Conditions

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Storage Conditions

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Sterility

Abstract

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