

Cell Line A3 | 305143

Cell Line Overview

Description	Cell Line A3 is a human T cell leukemia cell line derived from Jurkat, a T cell leukemia cell line. It is a continuous cell line that is highly proliferative and is used for studying T cell biology and for the development of T cell-based therapies. It is a T cell leukemia cell line that is highly proliferative and is used for studying T cell biology and for the development of T cell-based therapies.
Organism	Human
Tissue	Leukemia
Disease	Human T cell leukemia
Metastatic site	Human T cell leukemia (T-ALL, T-CLL)
Applications	Cell Line A3 is used for studying T cell biology and for the development of T cell-based therapies. It is a T cell leukemia cell line that is highly proliferative and is used for studying T cell biology and for the development of T cell-based therapies.

Cell Line Properties

Morphology	Leukemia
Cell type	Human T cell leukemia
Growth properties	Human T cell leukemia

Cell Line Identification

Citation	A3 (Cell Line A3) Cytion 305143
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1061
GMO Status	Human T cell leukemia (T-ALL, T-CLL)

Cell Line Identification

HEK293T A3 | 305143

HEK293T

Culture Medium	RPMI 1640, w: 2.0 mM CaCl_2 , w: 2.0 g/L NaHCO_3 (Cytion 820700a)
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Supplements	10% FBS
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Subculturing	5
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Split ratio	1 : 4
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Fluid renewal	2 - 3
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Freeze medium	(10% FBS) + 10% DMSO
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Thawing and Culturing Cells	1. Thaw cells quickly in a water bath at 37°C. Transfer the cells to a centrifuge tube and centrifuge at 300 x g for 3 minutes. Remove the supernatant and resuspend the cells in 1 ml of culture medium. 2. Seed cells into a 24-well plate at a density of 150,000 cells per well. Incubate for 24 hours. 3. After 24 hours, the cells should be confluent. If not, add more cells. 4. After 48 hours, the cells should be confluent. If not, add more cells. 5. After 72 hours, the cells should be confluent. If not, add more cells. 6. After 96 hours, the cells should be confluent. If not, add more cells. 7. After 120 hours, the cells should be confluent. If not, add more cells. 8. After 144 hours, the cells should be confluent. If not, add more cells.
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Incubation Atmosphere	37°C, 5% CO_2
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Flask Coating	None
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-78°C

-78°C

[illegible]

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