

Product sheet

Lama-84 | 300261

General Information

Description	LAMA-84 is a cell line derived from a patient with Chronic Myeloid Leukemia (CML) who was treated with Imatinib. The cell line is characterized by the presence of the BCR-ABL1 fusion gene and is used for studying the effects of tyrosine kinase inhibitors on CML cells. LAMA-84 is a CML cell line, characterized by the presence of the BCR-ABL1 fusion gene. It is used for studying the effects of tyrosine kinase inhibitors on CML cells.
Organism	Human
Tissue	Leukemia
Disease	Chronic Myeloid Leukemia (CML)
Synonyms	LAMA-84, LAMA84, Lama84

Cell Line Characteristics

Age	29 years
Gender	Male
Ethnicity	White
Morphology	Adherent, fibroblastic
Growth properties	Highly proliferative, sensitive to tyrosine kinase inhibitors

References and Accession

Citation	Lama-84 (CML cell line) Cytion 300261
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0388

Additional Information

Cell Line: Lama-84 | 300261

Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Transfer the cells to a pre-warmed T25 flask containing 10 ml of complete medium.
2. Allow the cells to settle and attach to the flask. After 24 hours, check for cell attachment. If no cells are attached, repeat the thawing process.
3. Once cells are attached, replace the medium with fresh complete medium. After 24 hours, check for cell attachment. If no cells are attached, repeat the thawing process.
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8. Once cells are attached, replace the medium with fresh complete medium. After 24 hours, check for cell attachment. If no cells are attached, repeat the thawing process.

Incubation Atmosphere 37°C, 5% CO₂, humidified air

Flask Coating Cell culture flasks should be coated with Cell Culture Adhesion Promoter (CCAP) before use.

Freezing Procedure Harvest cells at 70-80% confluency. Resuspend in freezing medium and store at -80°C.

Shipping Conditions Cells should be shipped at -80°C in dry ice.

Storage Conditions Cells should be stored at -150°C in 196 KryoStor.

Genotype: HLA

Sterility Cells are tested for mycoplasma contamination. PCR testing is recommended for all cell lines.

XXXXXXXXXX Lama-84 | 300261

XXXXXXXXXX HLA

A*: '02:01:01, '25:01:01

B*: 18:01:01, 44:02:01

C*: 05:01:01, 12:03:01

DRB1*: '04:02:01, '15:01:01G

DQA1*: '01:02:01, '03:01:01

DQB1*: 03:02:01, 06:02:01

DPB1*: 09:01:01, 23:01:01

E: 01:01:01