

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	Granulocytic
Growth properties	Adherent

References and Accession

Citation	Lama-84 (ATCC CCL-222) Cytion 300261
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0388

Additional Information

Lama-84 | 300261

Thawing and Culturing Cells

1. **Thawing:** Thaw the vial rapidly in a 37°C water bath. Transfer the cells to a pre-warmed medium.
2. **Centrifugation:** Centrifuge the cells at 300 x g for 3 minutes at 4°C.
3. **Resuspension:** Resuspend the cells in 10 ml of pre-warmed medium.
4. **Seeding:** Seed the cells into a T25 flask containing 15 ml of pre-warmed medium.
5. **Incubation:** Incubate the cells at 37°C with 5% CO₂ in a humidified atmosphere.
6. **Monitoring:** Monitor the cell growth and confluency daily.
7. **Passaging:** Pass the cells when they reach 70-80% confluency.
8. **Storage:** Store the cells in liquid nitrogen for long-term storage.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating No

Freezing Procedure Freeze the cells in a freezing medium and store in liquid nitrogen at -78°C.

Shipping Conditions Ship the cells at -78°C in dry ice.

Storage Conditions Store the cells in liquid nitrogen at -150°C for 196 days.

HLA

Sterility The cells are free of mycoplasmas and PCR detectable. They are also free of endotoxins.

XXXXXXXXX Lama-84 | 300261

XXXXXXXXX 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