

HL-60 | 300209

HL-60

Description	HL-60, is a human myelomonocytic leukemia cell line established from a 36-year-old male patient with acute myeloid leukemia (AML). The cells are characterized by their ability to differentiate into granulocytic, monocytic, and erythroid lineages. HL-60 cells are highly tumorigenic and can form xenografts in immunodeficient mice. They are commonly used in research related to leukemia, hematopoiesis, and drug development. HL-60 cells express various surface markers, including CD11b, CD14, CD15, CD18, CD33, CD34, CD45, and CD54. They are also known for their production of reactive oxygen species and their sensitivity to oxidative stress.
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Organism	Human
Tissue	Leukemia
Disease	Acute myeloid leukemia (AML)
Applications	Research, drug development, cell culture
Synonyms	HL 60, HL.60, HL60

HL-60

Age	36 years
Gender	Male
Ethnicity	Not specified
Morphology	Granulocytic
Cell type	Leukemia
Growth properties	Not specified

HL-60

Citation	HL-60 (Cytion 300209)
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Thawing and
Culturing Cells

1. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。
2. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。
3. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。
4. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。
5. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。
6. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。
7. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。
8. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。

Incubation
Atmosphere

37°C, 5% CO₂, 饱和湿度

Flask Coating

无涂层

Freezing
Procedure

将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。

Shipping
Conditions

将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。

Storage
Conditions

将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。

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Sterility

本产品经过严格的灭菌处理，确保无菌。本产品适用于PCR、qPCR、Western blot、流式细胞术、细胞培养等实验。

Product sheet

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HLA

A*: 01:01:01

B*: '57:01:01

C*: 06:02:01

DRB1*: 07:01:01

DQA1*: 02:01:01

DQB1*: 03:03:02

DPB1*: 04:01:01, 13:01:01

E: '01:01:01, '01:09