

U937 | 300368

General information

Description	U937, established 1976 from a human myelomonocytic leukemia cell line, which is a derivative of the U937 cell line. U937 is a human myelomonocytic leukemia cell line that is derived from a patient with acute myeloid leukemia. U937 cells are characterized by their ability to differentiate into various myelomonocytic lineages, including granulocytes, monocytes, and macrophages. U937 cells are commonly used in research to study the biology of myelomonocytic leukemia and to test new therapies. U937 cells are also used in research to study the effects of various drugs and treatments on myelomonocytic leukemia cells.
Organism	Human
Disease	Leukemia
Metastatic site	Various sites, including bone marrow, lymph nodes, and spleen.
Synonyms	U-937, U 937

Cell characteristics

Age	37 years
Gender	Male
Ethnicity	Unknown
Morphology	Granulocytic
Cell type	Myelomonocytic
Growth properties	Adherent

Additional information

Citation	U937 (Cytion 300368)
Biosafety level	1

U937 | 300368

Thawing and
Culturing Cells

1. 将细胞悬液缓慢加入含有培养基的烧瓶中，轻轻混匀，然后将烧瓶置于37°C孵育箱中，静置15分钟。
2. 将细胞悬液加入含有培养基的烧瓶中，轻轻混匀，然后将烧瓶置于37°C孵育箱中，静置15分钟。
3. 将细胞悬液加入含有培养基的烧瓶中，轻轻混匀，然后将烧瓶置于37°C孵育箱中，静置15分钟。
4. 将细胞悬液加入含有培养基的烧瓶中，轻轻混匀，然后将烧瓶置于37°C孵育箱中，静置15分钟。
5. 将细胞悬液加入含有培养基的烧瓶中，轻轻混匀，然后将烧瓶置于37°C孵育箱中，静置15分钟。
6. 将细胞悬液加入含有培养基的烧瓶中，轻轻混匀，然后将烧瓶置于37°C孵育箱中，静置15分钟。
7. 将细胞悬液加入含有培养基的烧瓶中，轻轻混匀，然后将烧瓶置于37°C孵育箱中，静置15分钟。
8. 将细胞悬液加入含有培养基的烧瓶中，轻轻混匀，然后将烧瓶置于37°C孵育箱中，静置15分钟。

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烧瓶中，轻轻混匀，然后将烧瓶置于37°C孵育箱中，静置15分钟。

Shipping
Conditions

将细胞悬液加入含有培养基的烧瓶中，轻轻混匀，然后将烧瓶置于37°C孵育箱中，静置15分钟。

Storage
Conditions

将细胞悬液加入含有培养基的烧瓶中，轻轻混匀，然后将烧瓶置于37°C孵育箱中，静置15分钟。

U937 | 300368

Sterility

将细胞悬液加入含有培养基的烧瓶中，轻轻混匀，然后将烧瓶置于37°C孵育箱中，静置15分钟。

U937 | 300368

HLA

A*: 03:XX, 31:14N
B*: '18:01:01, '51:01:01
C*: '01:02:01, '07:01:01
DRB1*: 14:54:01, 16:01:01
DQA1*: 01:02:02, 01:04:01
DQB1*: 05:02:01, 05:03:01
DPB1*: '03:01:01, '05:01:01
E: '01:03:02, '01:06:01