

U937 U937 | 300368

U937 U937

**Description**

U937 is a human myeloid leukemia cell line derived from a patient with acute myeloid leukemia (AML). It is characterized by its ability to differentiate into various myeloid lineages, including granulocytes, monocytes, and erythrocytes. The cell line is widely used in research to study the biology of AML and to test potential therapeutic agents. U937 cells are known for their high proliferative capacity and their ability to form colonies in semi-solid media. The cell line is maintained in suspension culture in the presence of growth factors such as interleukin-3 (IL-3) and granulocyte colony-stimulating factor (G-CSF).

**Organism** Human

**Disease** Acute myeloid leukemia

**Metastatic site** Bone marrow

**Synonyms** U-937, U 937

U937 U937

**Age** 37 years

**Gender** Male

**Ethnicity** German

**Morphology** Granulocytic

**Cell type** Myeloid

**Growth properties** Suspension culture

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**Citation** U937 (ATCC CCL-240) | 300368

**Biosafety level** 1





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XXXXXXXX HLA

**A\***: '03:03: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