

Product sheet

A875 | 305099

Description

A875 is a cell line derived from a 40-year-old female patient with a diagnosis of AML. The cell line is characterized by its high proliferation rate and its ability to form colonies in methylcellulose medium.

Organism

Human

Tissue

Leukemia

Disease

Acute Myeloid Leukemia

Synonyms

A875

Age

40 years

Gender

Female

Morphology

Granulocytic

Growth properties

Adherent

Citation

A875 (Cytion 305099)

Biosafety level

1

NCBI_TaxID

9606

CellosaurusAccession

CVCL_4733

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Culture Medium	DMEM, w: 4.5 g/l Glucose, w: 4 g/l Sodium Pyruvate, w: 3.7 g/l NaHCO ₃ , w: 1.0 g/l Penicillin, w: 1.0 g/l Streptomycin, w: 0.1 g/l Nystatin
Supplements	10% FBS
Dissociation Reagent	Trypsin
Subculturing	1:2 to 1:10 in PBS, T25 flasks
Fluid renewal	2 to 3 times per week
Freeze medium	DMEM + 10% FBS + 10% DMSO
Thawing and Culturing Cells	1. Thaw cells in a 37°C water bath. 2. Add 10 ml of DMEM + 10% FBS to a T25 flask. 3. Add 1 ml of cell suspension to the flask. 4. Incubate at 37°C, 5% CO₂. 5. After 24 hours, replace the medium with fresh DMEM + 10% FBS. 6. After 48 hours, replace the medium with fresh DMEM + 10% FBS. 7. After 72 hours, replace the medium with fresh DMEM + 10% FBS. 8. After 96 hours, replace the medium with fresh DMEM + 10% FBS.
Incubation Atmosphere	37°C, 5% CO ₂
Flask Coating	None
Freezing Procedure	1. Harvest cells into a centrifuge tube.

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Shipping Conditions



Storage Conditions

—150 —196 °C

Sterility

Age Group	PCR (%)
0-9	10
10-19	15
20-29	85
30-39	75
40-49	65
50-59	55
60-69	45
70-79	35
80-89	25
90+	15