

LN229 | 305043

Description LN229 is a cell line derived from a 60-year-old male patient with acute leukemia. The cell line is characterized by the presence of the p53 (TP53) gene, which is inactivated. The cell line is maintained in the presence of Cytion CTT (Leu) and Cytion CCT (Pro) supplements.

Organism Human

Tissue Bone marrow

Disease Acute leukemia

Synonyms LN229, LN229, LN229, LN229, LN229

Age 60 years

Gender Male

Ethnicity Caucasian

Morphology Lymphoblastoid

Growth properties Adherent

Citation LN229 (ATCC CCL-229) (305043)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0393

LN229 | 305043

Culture Medium	DMEM 4.5 g/l, Glucose 4.5 g/l, FBS 3.7 g/l, NaHCO3 1.0 g/l, Penicillin 100 IU/ml, Streptomycin 100 IU/ml, Fungizone 0.025 mg/ml (8200)
Supplements	10% FBS
Dissociation Reagent	Trypsin
Doubling time	31 days
Subculturing	1:10 split in PBS, 10% FBS
Fluid renewal	2-3 times per week
Freeze medium	DMEM + 10% FBS + 10% DMSO
Thawing and Culturing Cells	<ol style="list-style-type: none"> 1. Thaw cells in a 37°C water bath. 2. Wash cells in PBS. 3. Resuspend cells in 37°C medium. 4. Seed cells into a 70% confluent flask. 5. Incubate cells for 15 days. 6. Harvest cells at 300 x g for 3 minutes. 7. Wash cells in PBS. 8. Resuspend cells in 10% FBS medium.
Incubation Atmosphere	37°C, 5% CO2
Flask Coating	None

