

HEL | 305022

Description

HEL is a cell line derived from a 30-year-old male patient with a diagnosis of acute myeloid leukemia (AML). The cell line is characterized by a karyotype of 46,XY,t(8;21)(q22;q22), which is a characteristic chromosomal abnormality in AML. The cell line is maintained in RPMI 1640 medium supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin. The cell line is highly proliferative and is used for research in AML and related diseases.

Organism Human

Tissue Bone marrow

Disease Acute myeloid leukemia (AML)

Synonyms HEL, GM06141, GM06141B, GM06141Bx

Age 30 years

Gender Male

Ethnicity Caucasian

Morphology Adherent

Growth properties High proliferation rate

Citation HEL (ATCC CCL-221) | ATCC | 305022

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0001

