

HEL | 305022

Description

HEL is a cell line derived from a 30-year-old male patient with a diagnosis of hairy-cell leukemia (HCL). The cells were established in 1981 and are maintained in RPMI 1640 medium supplemented with 10% fetal bovine serum (FBS) and 100 U/ml penicillin, 100 U/ml streptomycin, and 100 U/ml nystatin. The cells are characterized by the presence of hairy projections on their surface and by the expression of B-cell markers, including CD19, CD20, CD22, CD23, CD25, CD45, and CD103. The cells are highly tumorigenic and can be used for the study of HCL pathogenesis and for the development of novel therapies.

Organism Human

Tissue Blood

Disease Hairy-cell leukemia

Synonyms GM06141, GM06141B, GM06141Bx

Age 30 years

Gender Male

Ethnicity Caucasian

Morphology Hairy cells

Growth properties Adherent

Citation HEL (ATCC CCL-222) | ATCC | 305022

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0001

