

Product sheet

Hs 611. | 305915

Description Hs 611.T is a human cell line derived from a patient with chronic lymphocytic leukemia (cHL). It is a B-cell line that expresses B-cell markers and is characterized by the presence of the HRS gene, which is a known oncogene. The cell line is maintained in RPMI 1640 medium supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin. It is a continuous cell line that can be passaged indefinitely.

Organism Human

Tissue Lymphoid tissue

Disease Chronic lymphocytic leukemia

Metastatic site Lymphoid tissue

Applications Cell line for studying B-cell biology, immunology, and cancer research. It is used for studying the effects of various treatments on B-cell growth and differentiation. It is also used for studying the role of the HRS gene in B-cell malignancies.

Synonyms Hs-611-T, Hs611T, HS611T

Age 48 years

Gender Male

Ethnicity Caucasian

Morphology Lymphoid cells, large, with prominent nuclei and scant cytoplasm.

Cell type B-cell

Growth properties Continuous cell line, growing in suspension.

Citation Hs 611.T (Human Chronic Lymphocytic Leukemia Cell Line) Cytion: 305915

Biosafety level 1

NCBI_TaxID 9606

Product sheet

Hs 611. | 305915

CellosaurusAccession CVCL_0823

Culture Medium	DMEM 4.5 g/l, 4 g/l, 3.7 g/l, 1.0 g/l, 82
Supplements	10% FBS
Dissociation Reagent	
Doubling time	24-48 h
Subculturing	3-5 x 10 ⁵ cells, 300xg 5
Split ratio	1:3
Seeding density	2 x 10 ⁵ cells
Fluid renewal	3 times
Freeze medium	+ 10% DMSO

Hs 611. | 305915

Thawing and
Culturing Cells

1. 将细胞从液氮中取出后，立即放入 37°C 水浴中解冻。解冻过程中，轻轻摇晃容器，使细胞均匀受热。解冻完成后，将细胞悬液转移到含有 10 mL 完全培养基的细胞培养瓶中。轻轻摇晃培养瓶，使细胞充分混匀。将培养瓶置于 37°C 培养箱中，静置 24 小时，使细胞适应新的培养环境。
2. 将细胞悬液转移到含有 10 mL 完全培养基的细胞培养瓶中。轻轻摇晃培养瓶，使细胞充分混匀。将培养瓶置于 37°C 培养箱中，静置 24 小时，使细胞适应新的培养环境。
3. 将细胞悬液转移到含有 10 mL 完全培养基的细胞培养瓶中。轻轻摇晃培养瓶，使细胞充分混匀。将培养瓶置于 37°C 培养箱中，静置 24 小时，使细胞适应新的培养环境。
4. 将细胞悬液转移到含有 10 mL 完全培养基的细胞培养瓶中。轻轻摇晃培养瓶，使细胞充分混匀。将培养瓶置于 37°C 培养箱中，静置 24 小时，使细胞适应新的培养环境。
5. 将细胞悬液转移到含有 10 mL 完全培养基的细胞培养瓶中。轻轻摇晃培养瓶，使细胞充分混匀。将培养瓶置于 37°C 培养箱中，静置 24 小时，使细胞适应新的培养环境。
6. 将细胞悬液转移到含有 10 mL 完全培养基的细胞培养瓶中。轻轻摇晃培养瓶，使细胞充分混匀。将培养瓶置于 37°C 培养箱中，静置 24 小时，使细胞适应新的培养环境。
7. 将细胞悬液转移到含有 10 mL 完全培养基的细胞培养瓶中。轻轻摇晃培养瓶，使细胞充分混匀。将培养瓶置于 37°C 培养箱中，静置 24 小时，使细胞适应新的培养环境。

Incubation
Atmosphere

37°C, 5% CO₂, 95% 空气

Shipping
Conditions

细胞在 -78°C 下保存，运输过程中保持低温。

Storage
Conditions

细胞在 -150°C 至 -196°C 下长期保存。