

A3 | 305143

**Description** A3 is a T cell leukemia cell line derived from a patient with T-ALL. It is a Jurkat cell line derivative. It is a T cell leukemia cell line derived from a patient with T-ALL. It is a Jurkat cell line derivative.

**Organism** Human

**Tissue** Blood

**Disease** T-ALL

**Metastatic site** Not reported (peripheral blood T-ALL)

**Applications** T-ALL research; T cell leukemia biology; drug sensitivity studies; immunophenotyping; pediatric leukemia models

**Morphology** Lymphoblastoid

**Cell type** T lymphoblasts

**Growth properties** Adherent

**Citation** A3 (ATCC CRL-2206) | 305143

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_1061

**GMO Status** No genetic modification; wildtype T-ALL cell line

Product sheet

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**Culture Medium** RPMI 1640  $\times$  2.0  $\times$  2.0  $\times$  2.0  $\times$  2.0  $\times$  2.0  $\times$  2.0 NaHCO<sub>3</sub> (820700a)

**Supplements** 10% FBS

**Subculturing** 5

**Split ratio** 1 to 4

**Fluid renewal** 2  $\times$  3

**Freeze medium** (FBS) + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
  2. Centrifuge cells at 300  $\times$  g for 3 minutes.
  3. Wash cells with PBS.
  4. Resuspend cells in 70% FBS.
  5. Seed cells into a 15 cm<sup>2</sup> flask.
  6. Incubate cells for 8 hours.
  7. Add fresh medium.
  8. Continue to culture cells.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>

**Flask Coating** Yes

