

3T3-L1 | 400107

3T3-L1

Description
3T3-L1 is a cell line derived from mouse embryo fibroblasts. It is a continuous cell line that grows in culture. The cells are fibroblastic in morphology and are used for various biological studies. The cell line is maintained in culture medium containing fetal bovine serum (FBS) and antibiotics. The cells are typically grown in 96-well plates or multiwell plates. The cell line is characterized by its ability to form colonies in soft agar. The cells are used for various applications, including cell biology, molecular biology, and drug screening. The cell line is available from Cytion as a suspension culture.

Organism: Mus musculus

Tissue: Embryo fibroblasts

Applications: Cell biology, molecular biology, drug screening

Synonyms: 3T3 L1, 3T3L1, 3T3L1, 3T3-L1 ad, NIH-3T3-L1, NIH3T3-L1

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Breed/Subspecies: Mus musculus

Age: Adult

Gender: Male

Morphology: Fibroblastic

Growth properties: Adherent

3T3-L1

Citation: 3T3-L1 (ATCC CCL-214) (400107)

Biosafety level: 1

NCBI\_TaxID: 10090

CellosaurusAccession: CVCL\_0123



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Thawing and Culturing Cells

1. Thaw the vial rapidly in a 37°C water bath. Transfer the cells to a pre-warmed T75 flask containing 10 ml of complete medium.
2. Allow the cells to attach to the flask for 24 hours. After 24 hours, the cells should be visible on the flask bottom.
3. After 24 hours, the cells should be visible on the flask bottom. If the cells do not attach, the medium should be replaced with fresh complete medium.
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**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>

**Flask Coating** None

**Freezing Procedure** Harvest cells into a 15 ml centrifuge tube. Wash cells with PBS. Pellet cells by centrifugation at 300 x g for 3 minutes. Resuspend cells in freezing medium. Aliquot into 1 ml vials. Store at -150°C.

**Shipping Conditions** Cells should be shipped at -78°C.

**Storage Conditions** Cells should be stored at -150°C to -196°C.

HLA

**Sterility** The cells are free of mycoplasma contamination. The cells are free of endotoxins. The cells are free of viruses. The cells are free of bacteria. The cells are free of fungi. The cells are free of parasites. The cells are free of other contaminants.