

Product sheet

3T6-Swiss albino | 400104

3T6-Swiss albino

**Description** 3T6-Swiss albino is a mouse strain derived from the Swiss albino mouse. It is a highly inbred strain that is widely used in research. The strain is characterized by its white coat color and is known for its high genetic homogeneity. It is a common model for studying various biological processes and diseases.

**Organism** Mouse

**Tissue** Embryonic stem cells

**Applications** Cell culture, gene targeting, transgenic mouse production

**Synonyms** 3T6, 3T6-Swiss albino, NIH 3T6, 3T6, GM05862

3T6-Swiss albino

**Age** 4-6 weeks

**Morphology** White mouse

**Cell type** Embryonic stem cells

**Growth properties** High growth rate

3T6-Swiss albino

**Citation** 3T6-Swiss albino mouse (Cytion 400104)

**Biosafety level** 1

**NCBI\_TaxID** 10090

**CellosaurusAccession** CVCL\_0601

3T6-Swiss albino

**Tumorigenic** No



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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 medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 15 ml of pre-warmed medium.
3. Seed the cells into a T25 flask containing 37 ml of pre-warmed medium.
4. Incubate the cells at 37°C in 5% CO<sub>2</sub> until they reach 70% confluency.
5. Harvest the cells by trypsinization. Seed them into a T25 flask with 15 ml of fresh medium.
6. Incubate the cells at 37°C in 5% CO<sub>2</sub> until they reach 70% confluency.
7. Harvest the cells by trypsinization. Seed them into a T25 flask with 15 ml of fresh medium.
8. Incubate the cells at 37°C in 5% CO<sub>2</sub> until they reach 70% confluency.

#### Incubation Atmosphere

37°C, 5% CO<sub>2</sub>, humidified

#### Flask Coating

None

#### Freezing Procedure

None

#### Shipping Conditions

None

#### Storage Conditions

None

### 3T6-Swiss albino / 3T6-Swiss albino / HLA

#### Sterility

None

None