

## 4T1 | 300300

**Description**

4T1 is a mammary adenocarcinoma cell line derived from a BALB/c mouse. It is characterized by its ability to form primary mammary tumors in syngeneic mice. The cells are highly proliferative and are used as a model for studying breast cancer biology and drug response.

**Organism** *Mouse*

**Tissue** Mammary gland

**Disease** Mammary adenocarcinoma

**Applications** Cell culture, drug screening, tumor model

**Synonyms** 4T1-A, 4T1.0, 4T1.0, 4T1/WT

**Breed/Subspecies** BALB/cfC3H

**Gender** Female

**Morphology** Epithelial

**Growth properties** Adherent

**Citation** 4T1 (ATCC CRL-2539) | 300300

**Biosafety level** 1

**NCBI\_TaxID** 10090

**CellosaurusAccession** CVCL\_0125



Product sheet

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**Freezing Procedure** [Redacted text] -78

**Shipping Conditions** [Redacted text] -78

**Storage Conditions** [Redacted text] -150 -196 [Redacted text]

/ / HLA

**Sterility** [Redacted text] (PCR) [Redacted text]  
[Redacted text]