

4T1-GFP | 305625

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Description 4T1-GFP (4T1-GFP) is a cell line derived from the 4T1 mammary carcinoma cell line. It expresses GFP (Green Fluorescent Protein) under the control of the 4T1 promoter. This cell line is used for studying gene expression and protein localization in mammary carcinoma models.

Organism Human

Tissue Mammary gland

Disease Breast cancer

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

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Age 1-3 months

Gender Male

Growth properties Adherent

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Citation 4T1-GFP (4T1-GFP) Cytion: 305625

Biosafety level 1

NCBI_TaxID 10090

CellosaurusAccession CVCL_0125

GMO Status GMO-S1: 4T1-GFP (4T1-GFP) Cytion: 305625

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HEK293T-4T1-GFP | 305625

Surface antigens GFP

HEK293T-4T1-GFP

Culture Medium RPMI 1640 2.1 mM Glucose 2.0 mM NaHCO3 (Sigma 820700a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Doubling time 12.6 days

Seeding density 1 x 10⁴ - 3 x 10⁶ cells

Fluid renewal 2-3 times per week

Freeze medium DMEM + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
 2. Centrifuge cells at 300 x g for 5 minutes.
 3. Wash cells with PBS.
 4. Resuspend cells in DMEM + 10% FBS.
 5. Seed cells into a 24-well plate.
 6. Incubate cells for 24 hours.
 7. Harvest cells for analysis.

Incubation Atmosphere 37°C, 5% CO2

