

EMT6 | 305159

Description	EMT6 is a mouse cell line derived from the EMT6 mouse mammary carcinoma cell line. It is a highly metastatic cell line that is widely used in cancer research. EMT6 cells are characterized by their ability to form primary tumors in the mammary gland and to metastasize to various organs, including the lungs, liver, and brain. EMT6 cells are highly proliferative and are used to study the biology of breast cancer and to test new therapies.
Organism	Mouse
Tissue	Mammary gland
Disease	Metastatic breast cancer
Synonyms	EMT-6, EMT6-6
Breed/Subspecies	BALB/CCRGL
Gender	Female
Morphology	Epithelial
Growth properties	Adherent
Citation	EMT6 (ATCC CRL-1593) 305159
Biosafety level	1
NCBI_TaxID	10090
CellosaurusAccession	CVCL_1923

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Culture Medium DMEM: DMEM:Ham's F12 (1:1) 3.1 µg/ml / 2.5 µg/ml 15 µg/ml (15 µg/ml)

Supplements 10% FBS

Dissociation Reagent

Subculturing PBS

Fluid renewal 2-3

Freeze medium (10% FBS) + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
 2. Centrifuge cells at 300 x g for 3 minutes.
 3. Wash cells with PBS.
 4. Resuspend cells in 70% FBS.
 5. Seed cells into a 15 cm flask.
 6. Incubate cells for 8 days.
 7. Harvest cells.
 8. Store cells at -80°C.

Incubation Atmosphere 37°C

Flask Coating

Freezing Procedure -78°C

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Shipping Conditions [redacted] -78

Storage Conditions [redacted] -150 ° -196 [redacted] [redacted] / HLA

Sterility [redacted] (PCR) [redacted] [redacted]