

TM3 | 305167

Description TM3 is a mouse strain derived from a cross between C57BL/6J and 129/Ola. It is a highly inbred strain with a genetic background of approximately 99% C57BL/6J and 1% 129/Ola. The strain is maintained at the MRC Harwell and is available for research purposes.

Organism Mus musculus

Tissue Various tissues

Synonyms M. m. L-3

Breed/Subspecies C57BL/6J

Age 11-13 weeks

Gender Various

Morphology Various

Growth properties Various

Citation TM3 (MRC Harwell 305167)

Biosafety level 1

NCBI_TaxID 10090

CellosaurusAccession CVCL_4326

Culture Medium DMEM: DMEM:Ham's F12 (1:1) 3.1 mg/ml insulin, 2.5 mg/ml transferrin, 15 mg/ml selenium (15 mg/ml insulin, 2.5 mg/ml transferrin, 15 mg/ml selenium)

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Supplements	2.5% FBS 5% α -MEM
Dissociation Reagent	Trypsin
Subculturing	1:2 or 1:3 split ratio into fresh medium containing 10% FBS
Fluid renewal	2-3 times per week
Freeze medium	DMEM + 10% FBS + 10% DMSO
Thawing and Culturing Cells	<ol style="list-style-type: none">1. Thaw cells quickly in a 37°C water bath.2. Dilute cells into fresh medium containing 10% FBS.3. Seed cells into a T75 flask.4. Allow cells to attach for 24 hours.5. Perform a 1:2 or 1:3 split ratio.6. Seed cells into a 300 cm² flask.7. Allow cells to attach for 24 hours.8. Perform a 1:2 or 1:3 split ratio.
Incubation Atmosphere	37°C, 5% CO ₂
Flask Coating	None
Freezing Procedure	Freeze cells in DMEM + 10% FBS + 10% DMSO at -80°C.
Shipping Conditions	Shipped on dry ice at -80°C.

