

Product sheet

FS-Balb | 400272

General Information

Description FS-Balb is a mouse strain derived from a cross between FS and Balb/c. It is characterized by its white coat color and is commonly used in research. FS-Balb is a mouse strain derived from a cross between FS and Balb/c. It is characterized by its white coat color and is commonly used in research.

Organism Mouse

Tissue Various tissues

Disease Various diseases

Genetics

Breed/Subspecies FS/Balb

Growth properties Various growth characteristics

Identification

Citation FS-Balb (Accession Number 400272)

Biosafety level 1

NCBI_TaxID 10090

CellSaurusAccession CVCL_5754

Media and Culture

Culture Medium

RPMI 1640 + 2.0 mM L-glutamine + 2.0 mM NaHCO3 (pH 7.2-7.4)

Supplements 10% FBS

Dissociation Reagent Trypsin

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Subculturing 1. Remove the medium from the flask and wash the cells with PBS. Add 2 ml of fresh medium to the flask.

Seeding density 1. Seed 2×10^4 cells per flask.

Fluid renewal 2. Renew the medium every 3 days.

Post-Thaw Recovery 1. After thawing, wash the cells with PBS and add 24 hours of fresh medium.

Freeze medium 1. Prepare a freezing medium containing 10% DMSO and 90% FBS.

- Thawing and Culturing Cells**
1. Thaw the vial in a water bath at 37°C.
 2. Wash the cells with PBS and centrifuge at 300 x g for 3 minutes.
 3. Resuspend the cells in 1 ml of fresh medium and seed into a flask.
 4. Incubate the cells for 70% confluency.
 5. Perform a trypsin digest for 15 minutes and seed into 8 flasks.
 6. Seed 300 x 10^3 cells into 3 flasks.
 7. Incubate the cells for 10 days.
 8. Harvest the cells for analysis.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating 1. Coat the flask with 1% BSA in PBS.

Freezing Procedure 1. Mix the cells with freezing medium and store at -78°C.

