

Product sheet

FS-C57BL | 400420

Product Information

**Description** FS-C57BL is a mouse strain derived from C57BL/6J. It is a highly inbred strain with a high degree of genetic homogeneity. FS-C57BL mice are used in various research applications, including genetic studies, disease models, and drug testing.

**Organism** Mouse

**Tissue** Various tissues

**Disease** Various disease models

Genetic Information

**Breed/Subspecies** C57BL/6J

**Gender** Both sexes

**Cell type** Various cell types

**Growth properties** Various growth conditions

Identification and Accession

**Citation** FS-C57BL (400420)

**Biosafety level** 1

**NCBI\_TaxID** 10090

**CellosaurusAccession** CVCL\_5756

Media and Culture

Culture Medium

RPMI 1640, 2.0% FCS, 2.0% NaHCO<sub>3</sub> (820700a)

**XXXXXXXXXX FS-C57BL | 400420**

**Supplements**      XX XXXXXXXX XXXXXXXX X 10X XX XX FBS

**Dissociation Reagent**      XXXXXXXX

**Subculturing**      XX XXXXXXXX XXXXXXXX XXXXXXXX XX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX PBS XXXXX XXXXXXXX XX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX

**Seeding density**       $1 \times 10^4$  <sup>1.000</sup> XXXXXXXX XXXXXXXX XX XXXXXXXX 2 XXX 3 XXXXX XXXXXXXX

**Fluid renewal**      2 XXX 3 XXXXX XX XXXXXXXX

**Post-Thaw Recovery**      XX XX <sup>1.000</sup> XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX 24 XXXXX XX XXXXXXXX

**Freeze medium**      XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXX XXX XXXXX ( XXXX XX XXXX FBS) + 10% DMSO XX XXXX XXXXXXXX XXX XXXXXXXX XXXXXXXX XXX XXXXXXXX XXXXXXXX XXXXXXXX

**Thawing and Culturing Cells**

1. XXXXX XX XXXXX XXXXXXXX XXXXXXXX XXXXX XXX XXXXXXXX XXX XXX XXX XXXXXXXX XXX XXX XXX XXXXXXXX XXX XXX XXX XXXXXXXX XXX XXXXX XXXXXXXX XXXXXXXX XXXXXXXX
2. XXX XXXXXXXX XXX XXXXXXXX XXXXXXXX XXXXXXXX XXX XXXXXXXX XX XXXXX XXXXXXXX XXX -150 XXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXX XXXXXXXX XXXXXXXX
3. XXXXXXXX XXXXXXXX XX XXXXXXXX XXXXXXXX XXXXXXXX XX XXXXXXX XXXXXXX XX XXXXX XXXXXXX XXXXXXX 37 XXXXX XXXXXXX XXXXX XXXXXXX XXXXXXX XXXXXXX
4. XXXXXXX XXXXX XXXXXXXX XXXXXXXX XX XXXXX XXXXXXX XX XXXXXXX XXXXXXX XX XXXXXXX XXXXXXXX XXXXXXXX XXXXXXX 70% XX XXXXXXXX XXXXXXX XXXXXXX XXXXXXX
5. XXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXX XXXXX XXXXXXX XXX XXXXXXX XXX XXXXXXX XXX 15 XX XXXXXXX XXX 8 XX XX XXX XXXXXXXX XXX XXXXXXX XXXXXXX
6. XXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXX 300 × XX XXXXX 3 XXXXXXX XXXXX XXXXXXXX XXXXXXX XXXXXXXX XX XXXXXXX XXXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX
7. XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXX XX 10 XX XX XXX XXXXXXX XXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXX XXXXXXX XXXXXXX XXX XXXXXXX XXXXXXX XXXXXXX
8. XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXX XXX XXXXXXXX XXX XXXXXXXX XXXXXXX XXX XXXXXXX XXXXXXX XXXXXXX XXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX

**Incubation Atmosphere**      37 XXXXX <sup>1.000</sup> XXXXXXXX XX XX XXXXXXX

**Flask Coating**      XXXXXXXX XXXXXXXX XXXXXXXX XXXXXXXX XXX XXXXXXXX XXXXX XXXXXXXX

