

PDV | 400314

General information

Description	C57BL/10 LP 7,12-
Organism	
Tissue	

Genetic background

Breed/Subspecies	C57BL/10 LP
Age	
Gender	
Cell type	
Growth properties	

Identification

Citation	PDV (Cytion 400314)
Biosafety level	1
NCBI_TaxID	10090
CellosaurusAccession	CVCL_5858

Media and supplements

Culture medium

Culture Medium	DMEM, w: 4.5 g/L, w: 4 mM L-, w: 3.7 g/L NaHCO3, w: 1.0 mM (Cytion 82030a)
Supplements	10% FBS

Product sheet

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Dissociation Reagent β -mercaptoethanol

Subculturing Cells are dissociated using β -mercaptoethanol and β -PBS. Cells are seeded into T25 flasks, 3-5 $\times 10^4$ cells per flask. Media is replaced every 3 days. Cells are passaged when they reach 80-90% confluency.

Seeding density 2×10^4 cells/cm²

Fluid renewal 2-3 times per week

Post-Thaw Recovery Cells are seeded into T25 flasks at a density of 1×10^4 cells/cm². Media is replaced every 24 hours.

Freeze medium Cells are grown in DMEM supplemented with 10% FBS + 10% DMSO.

- Thawing and Culturing Cells**
1. Cells are thawed in a 37°C water bath.
 2. Cells are centrifuged at 300 x g for 3 minutes.
 3. Cells are washed with PBS.
 4. Cells are resuspended in DMEM supplemented with 10% FBS.
 5. Cells are seeded into T25 flasks at a density of 1×10^4 cells/cm².
 6. Media is replaced every 24 hours.
 7. Cells are passaged when they reach 80-90% confluency.
 8. Cells are grown in DMEM supplemented with 10% FBS.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating Cells are grown on uncoated flasks.

