

BV2 | 305156

Description

BV2 is a cell line derived from the embryonic kidney of a mouse of the C57BL/6 strain. It is a fibroblast cell line that is widely used in research. The cells are maintained in a medium containing fetal bovine serum (FBS) and are characterized by their ability to proliferate in culture. BV2 cells are known for their high transfection efficiency and are commonly used for gene expression studies and drug screening. They are also used as a model for studying various cellular processes and signaling pathways.

Organism

Mouse

Tissue

Kidney

Synonyms

3T3-L1

Breed/Subspecies

C57BL/6

Age

1-2 weeks

Gender

Male

Morphology

Adherent, fibroblast-like cells

Growth properties

High

Citation

BV2 (ATCC CRL-2522) (305156)

Biosafety level

1

NCBI_TaxID

10090

CellosaurusAccession

CVCL_0182

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Culture Medium RPMI 1640 (2.0 mM Glucose, 2.0 mM NaHCO3 (820700a))

Supplements 10% FBS

Dissociation Reagent

Subculturing 15 min in PBS

Fluid renewal 2-3 times

Freeze medium (10% FBS) + 10% DMSO

- 1. Thawing and Culturing Cells
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

Incubation Atmosphere 37°C

Flask Coating

