

A549/DDP | 305047

Description
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Organism

Tissue

Morphology

Growth properties

Citation
 A549/DDP (Cytion 305047)

Biosafety level
 1

NCBI_TaxID
 9606

CellosaurusAccession
 CVCL_C0W4

Culture Medium
 RPMI 1640, w: 2.0 mM , w: 2.0 / NaHCO₃ (Cytion 820700a)

Supplements
 FBS 10%

Dissociation Reagent

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Subculturing

Remove cells from the flask using 5 ml PBS. Wash cells with 5 ml PBS. Add 5 ml T25 medium.

Fluid renewal

2 x 3 ml medium

Freeze medium

Remove cells from the flask using 5 ml PBS. Wash cells with 5 ml PBS. Add 5 ml medium (10% FBS) + 10% DMSO.

Thawing and Culturing Cells

1. Thaw cells in a 37°C water bath.
2. Add cells to a cryovial and store at -150 °C.
3. Incubate cells in a 37°C incubator.
4. Add cells to a flask with 70% medium.
5. Incubate cells in a 37°C incubator for 15 days.
6. Add 300 x g cells to 3 ml medium.
7. Add 10 ml medium to the flask.
8. Incubate cells in a 37°C incubator.

Incubation Atmosphere

37°C, 5% CO₂, humidified

Shipping Conditions

Store cells at -150 °C.

Storage Conditions

Store cells at -150 °C or -196 °C.

/ / HLA

Sterility

Cells are tested for mycoplasma contamination using PCR.

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