

CAL-62 | 305114

General information

Description	CAL-62 is a human cell line established in 1988 from a 70-year-old male patient with a malignant melanoma. CAL-62, a melanoma cell line, is derived from a patient with a malignant melanoma. It is a cell line that is derived from a patient with a malignant melanoma. It is a cell line that is derived from a patient with a malignant melanoma.
Organism	Human
Tissue	Melanoma
Disease	Melanoma
Synonyms	Cal-62, CAL 62, Cal 62, CAL62, CAL-62

Cell characteristics

Age	70 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Adherent

Cell line identification

Citation	CAL-62 (Cytion 305114)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1112

Cell line authentication

HEK293T CAL-62 | 305114

HEK293T

Culture Medium	DMEM, w: 4.5 g/L D-glucose, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO ₃ , w: 1.0 mM β -mercaptoethanol (Cytion 820300a)
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Supplements	10% FBS
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Dissociation Reagent	Trypsin
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Doubling time	24 h
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Subculturing	Cells are grown in DMEM supplemented with 10% FBS. For passaging, cells are trypsinized and resuspended in DMEM supplemented with 10% FBS. Cells are seeded into T25 flasks at a density of 1-3 x 10 ⁵ cells per flask. Cells are grown to confluence and then passaged.
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Fluid renewal	2-3 times per week
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Freeze medium	DMEM supplemented with 10% FBS and 10% DMSO. Cells are seeded into freezing vials at a density of 1-3 x 10 ⁵ cells per vial. Cells are grown to confluence and then frozen.
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Thawing and Culturing Cells

1. Thaw cells in a water bath at 37°C. Resuspend cells in DMEM supplemented with 10% FBS. Seed cells into T25 flasks at a density of 1-3 x 10⁵ cells per flask. Cells are grown to confluence and then passaged.
2. Cells are grown in DMEM supplemented with 10% FBS. For passaging, cells are trypsinized and resuspended in DMEM supplemented with 10% FBS. Cells are seeded into T25 flasks at a density of 1-3 x 10⁵ cells per flask. Cells are grown to confluence and then passaged.
3. Cells are grown in DMEM supplemented with 10% FBS. For passaging, cells are trypsinized and resuspended in DMEM supplemented with 10% FBS. Cells are seeded into T25 flasks at a density of 1-3 x 10⁵ cells per flask. Cells are grown to confluence and then passaged.
4. Cells are grown in DMEM supplemented with 10% FBS. For passaging, cells are trypsinized and resuspended in DMEM supplemented with 10% FBS. Cells are seeded into T25 flasks at a density of 1-3 x 10⁵ cells per flask. Cells are grown to confluence and then passaged.
5. Cells are grown in DMEM supplemented with 10% FBS. For passaging, cells are trypsinized and resuspended in DMEM supplemented with 10% FBS. Cells are seeded into T25 flasks at a density of 1-3 x 10⁵ cells per flask. Cells are grown to confluence and then passaged.
6. Cells are grown in DMEM supplemented with 10% FBS. For passaging, cells are trypsinized and resuspended in DMEM supplemented with 10% FBS. Cells are seeded into T25 flasks at a density of 1-3 x 10⁵ cells per flask. Cells are grown to confluence and then passaged.
7. Cells are grown in DMEM supplemented with 10% FBS. For passaging, cells are trypsinized and resuspended in DMEM supplemented with 10% FBS. Cells are seeded into T25 flasks at a density of 1-3 x 10⁵ cells per flask. Cells are grown to confluence and then passaged.
8. Cells are grown in DMEM supplemented with 10% FBS. For passaging, cells are trypsinized and resuspended in DMEM supplemented with 10% FBS. Cells are seeded into T25 flasks at a density of 1-3 x 10⁵ cells per flask. Cells are grown to confluence and then passaged.

Incubation Atmosphere	37°C, 5% CO ₂ , humidified
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Flask Coating **Fluoropolymer**

Freezing Procedure

For freezing, the cells should be seeded into the flask and allowed to attach. The medium should be removed and the cells washed with PBS. The cells should then be trypsinized and resuspended in freezing medium. The suspension should be aliquoted into cryovials and frozen at -78°C.

Shipping Conditions

The cells should be shipped on dry ice at -78°C.

Storage Conditions

The cells should be stored at -150 to -196 °C in liquid nitrogen.

Applications

Sterility

The cells are supplied as a suspension in a sterile medium. The cells are not tested for mycoplasma contamination. The cells are not tested for PCR contamination. The cells are not tested for endotoxin contamination.