

Cell A375 | 300110

Cell Line

Description Cell A375, established from a 54-year-old male melanoma patient, is a highly metastatic melanoma cell line. A375 melanoma cells are characterized by their ability to form melanin pigment, which is a key feature of melanoma cells. A375 melanoma cells are highly metastatic and are used in various melanoma research models. A375 melanoma cells are highly metastatic and are used in various melanoma research models.

Organism Human

Tissue Skin

Disease Melanoma

Synonyms A 375, A-375, A375-MEL, A375-mel, A375mel

Cell Line Characteristics

Age 54 years

Gender Male

Morphology Epithelial

Growth properties Adherent

References

Citation A375 (ATCC CCL-137) | Cytion 300110

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0132

Additional Information

HEK293T A375 | 300110

**Thawing and
Culturing Cells**

1. Thaw the vial quickly in a water bath at 37°C. Transfer the cells to a pre-warmed T25 flask containing 10 ml of complete DMEM medium.
2. Incubate the cells at 37°C in 5% CO₂ until they reach 70-80% confluency.
3. Seed the cells into a 96-well plate (100 µl/well) for high-throughput screening.
4. Use the cells for transfection or other assays once they are fully confluent.
5. For long-term storage, harvest the cells and freeze them in liquid nitrogen.
6. Thaw the cells in a water bath at 37°C and reseed them into a new flask.
7. Monitor the cell growth and confluency regularly.
8. Maintain the cells in complete DMEM medium with 10% FBS.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating None

Freezing Procedure Harvest cells and freeze in liquid nitrogen.

Shipping Conditions Dry ice, -78°C

Storage Conditions -150°C, 196 K

HEK293T A375 / HEK293T A375 / HLA

Sterility Sterile, PCR negative

██████A375 | 300110

██████ HLA

A*: '01:01:01, '02:01:01

B*: '44:03:01, '57:01:01

C*: 06:02:01, 16:01:01

DRB1*: 04:05:01, 07:01:01

DQA1*: '02:01:01, '03:03:01

DQB1*: 03:02:01, 03:03:02

DPB1*: 04:01:01

E: '01:01:01, '01:03