

Product sheet

UM-HMC-3A | 305717

General Information

Description
UM-HMC-3A is a cell line derived from a patient with a primary tumor of the uterine cervix. The cell line is characterized by its high growth rate and its ability to form colonies in soft agar. It is a highly tumorigenic cell line that is suitable for various in vitro and in vivo studies. The cell line is maintained in DMEM supplemented with 10% FBS and 1% penicillin/streptomycin. The cell line is characterized by its high growth rate and its ability to form colonies in soft agar. It is a highly tumorigenic cell line that is suitable for various in vitro and in vivo studies. The cell line is maintained in DMEM supplemented with 10% FBS and 1% penicillin/streptomycin.

Organism Human

Tissue Cervix uteri

Disease Cervical cancer

Synonyms UM-HMC-3A - Cervical cancer cell line - 3A

Characteristics

Age 73 years

Gender Female

Ethnicity Caucasian

Growth properties High growth rate, tumorigenic

References

Citation UM-HMC-3A (Cytion 305717)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_Y471

Genetic Information

Mutational profile CRTC1 + HGNC MAML2 (CRTC1-MAML2) = CRTC1-MAML2 MECT1-MAML2.

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Identification

Culture Medium DMEM: DMEM:Ham's F12 (1:1) 3.1 µg/ml / 2.5 µg/ml 15 µg/ml (15 µg/ml)

Supplements 10% FBS

Dissociation Reagent

Freeze medium (10% FBS) + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
 2. Centrifuge cells at 300 x g for 3 minutes.
 3. Wash cells with PBS.
 4. Resuspend cells in 70% FBS.
 5. Seed cells into a 15 cm flask.
 6. Incubate cells for 8 days.
 7. Harvest cells at 10 days.
 8. Store cells in a -150°C freezer.

Incubation Atmosphere 37°C, 5% CO2

Flask Coating

Shipping Conditions -78°C

Storage Conditions -150°C to -196°C

