

Product sheet

UM-HMC-3A | 305717

General Information

**Description**  
UM-HMC-3A is a cell line derived from a human umbilical vein endothelial cell. It is characterized by its high proliferation rate and ability to form tubes in vitro. The cell line is maintained in DMEM/F12 medium supplemented with 5% fetal bovine serum (FBS) and 1% penicillin-streptomycin. It is a non-adherent cell line that grows in suspension.

**Organism** Human

**Tissue** Endothelial cells

**Disease** None

**Synonyms** UM-HMC-3A - Human Umbilical Vein Endothelial Cell - 3A

Characteristics

**Age** 73 days

**Gender** Male

**Ethnicity** Caucasian

**Growth properties** Adherent

Identification

**Citation** UM-HMC-3A (ATCC CRL-2522) Cytion 305717

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_Y471

Genetic Information

**Mutational profile** CRCTC1 + HGNC MAML2 (MAML2) = CRCTC1-MAML2 MECT1-MAML2.

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**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** XXXXXXX

**Freeze medium** XXXXXXX (10% FBS) + 10% DMSO

- 1. XXXXXXX
- 2. XXXXXXX -150
- 3. XXXXXXX 37
- 4. XXXXXXX 70%
- 5. XXXXXXX 15
- 6. XXXXXXX 300 x 3
- 7. XXXXXXX 10
- 8. XXXXXXX

**Incubation Atmosphere** 37 XXXXXXX

**Flask Coating** XXXXXXX

**Shipping Conditions** XXXXXXX -78

**Storage Conditions** XXXXXXX -150 -196

