

HMC3 | 300102

Description HMC3 (HMC3) is a human cell line established in 1995 from a patient with a rare form of cancer. It is a highly tumorigenic cell line that grows in suspension. HMC3 cells are characterized by their high proliferation rate and their ability to form tumors in immunodeficient mice. HMC3 cells are highly tumorigenic and are used as a model for studying cancer progression and drug response. HMC3 cells are highly tumorigenic and are used as a model for studying cancer progression and drug response. HMC3 cells are highly tumorigenic and are used as a model for studying cancer progression and drug response.

Organism Human

Tissue Colon

Applications Cell culture, drug screening, cancer research

Synonyms CHME-3, CHME3

Age 30-40 years

Gender Male

Morphology Epithelial

Cell type Epithelial

Growth properties Adherent

Citation HMC3 (ATCC CCL-221) | ATCC | 300102

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_I176

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GMO Status GMO-S1: **SV40 T-Antigen** (HMC3) **SV40 T-Antigen**

Viruses **SV40 T-Antigen**

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

Supplements 10% FBS

Dissociation Reagent

Doubling time 24 48

Subculturing PBS

Freeze medium (10% FBS) + 10% DMSO

- Thawing and Culturing Cells**
1. ...
 2. ... -150 ...
 3. ... 37 ...
 4. ... 70% ...
 5. ... 15 ... 8 ...
 6. ... 300 x ... 3 ...
 7. ... 10 ...
 8. ...

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Incubation Atmosphere 37 


Flask Coating 

Freezing Procedure -78

Shipping Conditions -78

Storage Conditions -150 -196 

/ / HLA

Sterility  (PCR) 