

Product sheet

UM-HMC-3A | 305717

General information

Organism	Human
Tissue	Colon, Spleen
Disease	Colorectal adenocarcinoma, Spleen metastasis
Synonyms	UM-HMC-3A - Colorectal adenocarcinoma, Spleen metastasis - 3A

Subject information

Age	73 years
Gender	Male
Ethnicity	White
Growth properties	Adherent

Identification

Citation	UM-HMC-3A (Cytion 305717)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_Y471

Genetic information

Mutational profile	Wild-type, CRC1 + HGNC, MAML2, CRC1/MAML2, MECT1-MAML2.
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Storage

Freeze medium	DMEM, 10% FBS + 10% DMSO
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Thawing and Culturing Cells

1. Thaw the vial quickly in a water bath at 37°C. Do not allow the cells to warm to room temperature. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 15 µl of medium. Seed the cells into a 96-well plate.
3. Incubate the cells at 37°C in 5% CO₂ for 24 hours. The cells should reach 70% confluency.
4. Harvest the cells by trypsinization. Seed the cells into a 96-well plate at a density of 10⁵ cells per well.
5. Incubate the cells at 37°C in 5% CO₂ for 24 hours. The cells should reach 70% confluency.
6. Harvest the cells by trypsinization. Seed the cells into a 96-well plate at a density of 10⁵ cells per well.
7. Incubate the cells at 37°C in 5% CO₂ for 24 hours. The cells should reach 70% confluency.
8. Harvest the cells by trypsinization. Seed the cells into a 96-well plate at a density of 10⁵ cells per well.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Shipping Conditions Store at -78°C

Storage Conditions Store at -150°C for 196 days

HLA

Sterility PCR negative