

HPAC | 305309

Description	<p>HPAC is a cell line derived from a 64-year-old male patient with metastatic melanoma. It is a highly tumorigenic cell line that expresses high levels of matrix metalloproteinases (MMPs), including MT1-MMP. HPAC cells are characterized by their ability to invade and metastasize, making them a valuable model for studying melanoma progression and metastasis.</p>
Organism	Human
Tissue	Melanoma
Disease	Melanoma
Synonyms	Hpac
Age	64 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Cell type	Epithelial
Growth properties	Adherent
Citation	HPAC (Cell Line) 305309
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_3517

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Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Do not shake the vial. Remove the vial from the water bath and centrifuge at 300 x g for 3 minutes. Discard the supernatant and resuspend the cells in 10 ml of complete medium. Seed the cells into a T75 flask. Incubate the cells for 24 hours at 37°C in 5% CO₂. The cells should reach 70% confluency. Pass the cells into a T175 flask. Incubate the cells for 24 hours at 37°C in 5% CO₂. The cells should reach 80% confluency. Pass the cells into a T250 flask. Incubate the cells for 24 hours at 37°C in 5% CO₂. The cells should reach 80% confluency.
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Incubation Atmosphere

37°C, 5% CO₂

Flask Coating

None

Freezing Procedure

Resuspend the cells in 1 ml of freezing medium. Seed the cells into a vial. Freeze the vial at -80°C.

Shipping Conditions

Store at -80°C.

Storage Conditions

Store at -150°C to -196°C.

/ / HLA

Sterility

The cells are provided in a sterile, cryoprotected medium. The cells are tested for mycoplasma contamination (PCR) and are found to be free of mycoplasma. The cells are tested for endotoxin and are found to be free of endotoxin.