

Product sheet

Capan-2 | 300144

General information

Description	Capan-2 is a human pancreatic ductal adenocarcinoma cell line, established from a 56-year-old male patient. It is characterized by the presence of the Kirsten rat sarcoma viral oncogene homolog (KRAS) mutation.
Organism	Human
Tissue	Pancreas
Disease	Adenocarcinoma
Synonyms	CaPan-2, CAPAN-2, Capan 2, CAPAN 2, Capan2, CAPAN2

Cell characteristics

Age	56 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Adherent, Epithelial

Cell culture conditions

Citation	Capan-2 (ATCC CCL-21) Cytion 300144
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0026

Cell culture media and supplements

Cytion GmbH | Nikola-Tesla-Str. 3 | 69124 Heidelberg | Heidelberg
Heidelberg +49(0)6221 405780 | www.cytion.com | info@cytion.com

Capran-2 | 300144

**Thawing and
Culturing Cells**

1. The cells are delivered in a dry ice container. Upon receipt, the cells should be stored at -150°C in a liquid nitrogen container. The cells should be thawed in a water bath at 37°C and then seeded into a flask.
2. The cells should be seeded into a flask at a density of 1×10^5 cells per flask. The cells should be cultured in a medium containing 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin (PS).
3. The cells should be cultured in a medium containing 10% FBS and 1% PS. The cells should be harvested when they reach confluence.
4. The cells should be harvested when they reach confluence. The cells should be harvested by trypsinization and then counted.
5. The cells should be harvested when they reach confluence. The cells should be harvested by trypsinization and then counted.
6. The cells should be harvested when they reach confluence. The cells should be harvested by trypsinization and then counted.
7. The cells should be harvested when they reach confluence. The cells should be harvested by trypsinization and then counted.
8. The cells should be harvested when they reach confluence. The cells should be harvested by trypsinization and then counted.

**Incubation
Atmosphere**

37°C , 5% CO_2 , humidified

Flask Coating

Yes

**Freezing
Procedure**

The cells should be frozen in a medium containing 10% FBS and 1% PS. The cells should be frozen in a liquid nitrogen container.

**Shipping
Conditions**

The cells should be shipped in a dry ice container. The cells should be shipped at -78°C .

**Storage
Conditions**

The cells should be stored in a liquid nitrogen container. The cells should be stored at -150°C for 196 weeks.

Capran-2 | 300144

Sterility

The cells are delivered in a sterile container. The cells are delivered in a medium containing 10% FBS and 1% PS. The cells are delivered in a liquid nitrogen container.

Product sheet

█████ Capan-2 | 300144

██████ HLA	A*:	'29:02:01
	B*:	'44:03:01
	C*:	16:01:01
	DRB1*:	07:01:01
	DQA1*:	02:01:01
	DQB1*:	02:02:01
	DPB1*:	11:01:01
	E:	01:03:02