

Panc 05.04 | 305394

|                   |                                                                                                |  |  |
|-------------------|------------------------------------------------------------------------------------------------|--|--|
| Description       | Panc 05.04 (PDAC) Cancer Cell Line Encyclopedia<br>Panc 05.04<br>Panc 05.04                    |  |  |
| Organism          |                                                                                                |  |  |
| Tissue            |                                                                                                |  |  |
| Disease           |                                                                                                |  |  |
| Applications      |                                                                                                |  |  |
| Synonyms          | Panc-05.04, Panc_05_04, Panc05.04, Panc 5.04, Panc5.04, PANC0504, Panc0504, Pa18C, PL-18, PL18 |  |  |
| Age               | 77                                                                                             |  |  |
| Gender            |                                                                                                |  |  |
| Ethnicity         |                                                                                                |  |  |
| Morphology        |                                                                                                |  |  |
| Cell type         |                                                                                                |  |  |
| Growth properties |                                                                                                |  |  |
| Citation          | Panc 05.04 (Cytion 305394)                                                                     |  |  |
| Biosafety level   | 1                                                                                              |  |  |
| NCBI_TaxID        | 9606                                                                                           |  |  |

Product sheet

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CellosaurusAccession CVCL\_1637

**Antigen expression** MHC class I +; MHC class II -; B220<sup>+</sup>; Rh+

**Oncogenes** K-RAS

**Tumorigenic** Yes; Yes in SCID

**Mutational profile** KRAS, p.Gly12Asp (c.35G>A),

**Culture Medium** RPMI 1640, w: 2.0 mM L-glutamine, w: 2.0 mM/2.0 mM NaHCO<sub>3</sub> (Cytion 820700a)

**Supplements** FBS 15% L-glutamine 20 µg/ml

**Dissociation Reagent** Trypsin-EDTA

**Doubling time** 46 h

**Subculturing** 1:2 to 1:10 in fresh medium

**Seeding density** 2–4 × 10<sup>4</sup>/cm<sup>2</sup>

**Fluid renewal** 1–2 times per week

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

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Thawing and  
Culturing Cells

1. Thaw cells quickly in a water bath at 37°C.
2. Add the cells to 5 ml of cryovial medium and mix gently.
3. Add the cells to 5 ml of cryovial medium and mix gently.
4. Add the cells to 5 ml of cryovial medium and mix gently.
5. Add the cells to 5 ml of cryovial medium and mix gently.
6. Add the cells to 5 ml of cryovial medium and mix gently.
7. Add the cells to 5 ml of cryovial medium and mix gently.
8. Add the cells to 5 ml of cryovial medium and mix gently.

Incubation  
Atmosphere

37°C, 5% CO<sub>2</sub>, humidified

Shipping  
Conditions

Shipped on dry ice, stored at -150 °C

Storage  
Conditions

Store at -150 °C, -196 °C

Sterility

PCR negative, endotoxin free, mycoplasma free