

A204 | 300109

Product description

Description

A204 is a human pancreatic ductal adenocarcinoma cell line. It is derived from a 68-year-old male patient with pancreatic cancer. The cell line is characterized by its ability to form tumors in nude mice. A204 cells are highly invasive and metastatic. They express a variety of markers, including AK-1, ES-D, G6PD, GLO-I, Me-2, PGM1, and PGM3. A204 cells are also known for their resistance to certain chemotherapeutic agents.

Organism

Human

Tissue

Pancreas

Disease

Pancreatic ductal adenocarcinoma

Metastatic site

Multiple sites (metastatic)

Applications

Research, drug screening, cell culture, and animal models.

Synonyms

A-204

Cell characteristics

Age

68 years old

Gender

Male

Morphology

Epithelial cells

Cell type

Adenocarcinoma

Growth properties

High

Identification

Citation

A204 (Cytion 300109)

Product sheet

XXXXA204 | 300109

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_1058

GMO Status XXX XXXX XXX; XX XXXX XX XXXXXXXXXXXXXXXX XXX "wildtype"

XXXXXXXX XX-XXXXXXXXXXXXX

Isoenzymes PGM3, 1, PGM1, 1, ES-D, 1, Me-2, 1, AK-1, 1, GLO-1, 1, G6PD, B

Tumorigenic XXXXXX XXXXXX XXX XXXXXX XXXXXX XXXX XXXXXX XXXXXXXXXXXXXXXX XXXX

Ploidy status XXXXXXXXXXX XXXXXXXXXXX

MSI-status XXX (MSS)

XXXXX

Culture Medium DMEM, w: 4.5 g/L XXXXX, w: 4 mM L-XXXXXX, w: 3.7 g/L NaHCO3, w: 1.0 mM XXXX XXXXXX (XXXX XXXXXX Cytion 820300a)

Supplements XXXX XXXXX 10% FBS

Dissociation Reagent XXXXXX

Doubling time 26 XX 36 XXXX

Subculturing XXX XX XXXXXX XXXX XXXXXX XXXXXX XXXX XXXX X-PBS XXX XXXX XXXXXXXXXXX. XXXX XXXXXX T25, XXXXX X-3-5 X' X-PBS, XXXXX XXX 3 XXXX. XXXX XX XXXXXX XXXXXX, XXXX XX XXXXXX XXXXXX XXXX XXX XXXX XXXX XXXXXX XXXX XXXX XXXXXX XXXX XXXX

Split ratio 1 XX 5

Seeding density 0.5 XX 1 x 10⁴ ^{10⁵} /XX

Fluid renewal 2 XX 3 XXXXX XXXXX

Freeze medium

[illegible]

37°C, 5% CO₂,

☐ ☐ ☐ ☐ ☐

XX -78°C

[illegible]

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Sterility

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