

SUM149PT | 300609

General information

Description	SUM149PT is a human breast cancer cell line (IBC) derived from a 40-year-old female patient with a BRCA1 mutation (2288delT). IBC is a rare and aggressive form of breast cancer. SUM149PT cells are characterized by their high proliferation rate and ability to form mammary tumors in nude mice. The cell line is derived from a primary tumor and has been extensively characterized for its genetic and phenotypic properties. SUM149PT cells are CD44+/CD24-/Low, which is characteristic of breast cancer stem cells. IBC is a rare and aggressive form of breast cancer.
Organism	Human
Tissue	Breast
Disease	Breast cancer
Synonyms	SUM-149PT, SUM 149PT, SUM149-PT, SUM149, SUM-149, SUM 149, 149 PT, 149PT, BrCL12

Cell characteristics

Age	40 years
Gender	Female
Morphology	Epithelial
Growth properties	Adherent

Cell culture conditions

Citation	SUM149PT (Cytion 300609)
NCBI_TaxID	9606
CellosaurusAccession	CVCL_3422

Protein expression

Protein expression	P53
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[illegible]

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**Shipping
Conditions**

Das Produkt ist als Trockeneis (Dry Ice) verpackt und muss bei einer Temperatur von -78°C transportiert werden.

**Storage
Conditions**

Das Produkt ist bei -150°C bis -196°C zu lagern. Es ist vor Licht und Feuchtigkeit zu schützen.

Barcode

Sterility

Das Produkt ist steril und kann für PCR-Analysen verwendet werden.

Das Produkt ist in einer sterilen Verpackung abgefüllt und kann direkt verwendet werden.

STR

- Amelogenin: x,x
- CSF1PO: 12
- D13S317: 12
- D16S539: 11
- D5S818: 11
- D7S820: 11
- TH01: 9
- TPOX: 9
- vWA: 16,18
- D3S1358: 17
- D21S11: 28,31.2
- D18S51: 14,15
- Penta E: 11
- Penta D: 8,9
- D8S1179: 14,16
- FGA: 29
- D6S1043: 18
- D2S1338: 20
- D12S391: 15,18
- D19S433: 12,14