

Product sheet

SK-BR-3 | 300333

SK-BR-3

Description
SK-BR-3 is a cell line derived from a 43-year-old female patient with breast cancer. The cell line is characterized by its high proliferation rate and its ability to form mammary gland-like structures in vivo. SK-BR-3 is a HER2-positive cell line, which means that it overexpresses the HER2 receptor. This cell line is used for the study of breast cancer biology and for the development of HER2-targeted therapies.

Organism Human

Tissue Mammary gland

Disease Breast cancer

Metastatic site Lymph nodes

Synonyms SK-Br-3, SK-Br-3, SK BR 03, SK BR 03, SKBR-3, SKBr-3, SK-BR3, SKBr3, SKBr3, SKBr3, SKBR3, SKBR3

SK-BR-3

Age 43 years

Gender Female

Ethnicity Caucasian

Morphology Epithelial

Growth properties Adherent

SK-BR-3

Citation SK-BR-3 (ATCC CRL-2146) | 300333

Biosafety level 1

NCBI_TaxID 9606

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Freeze medium

Freeze medium: 10% FBS + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells in a 37°C water bath.
2. Centrifuge cells at 300 x g for 3 minutes.
3. Wash cells with PBS.
4. Resuspend cells in 10% FBS + 10% DMSO.
5. Seed cells into a 96-well plate.
6. Incubate cells for 24 hours.
7. Harvest cells for analysis.
8. Repeat the process for the remaining samples.

Incubation Atmosphere

37°C, 5% CO₂

Flask Coating

None

Freezing Procedure

Freeze cells in a 96-well plate at -80°C.

Shipping Conditions

Ship cells at -80°C.

Storage Conditions

Store cells at -150°C to -196°C.

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Sterility

... (PCR) ...

STR Amelogenin: x

- CSF1PO:** 12
- D13S317:** 11/12
- D16S539:** 9
- D5S818:** 9/12
- D7S820:** 9/12
- TH01:** 8/9
- TPOX:** 8/11
- vWA:** 17
- D3S1358:** 17
- D21S11:** 30/30.2
- D18S51:** 10/13
- Penta E:** 10/11
- Penta D:** 9/12
- D8S1179:** 11/12
- FGA:** 20

HLA

- A*:** '02:01:01, '03:01:01
- B*:** '14:02:01, '40:01:02
- C*:** '03:04:01, '08:02:01
- DRB1*:** '07:01:01, '13:02:01
- DQA1*:** '01:02:01, '02:01:01
- DQB1*:** '02:02:01, '06:04:01
- DPB1*:** '03:01:01
- E:** '01:01, '01:03