

T47D | 300353

General information

Description

T47D is a cell line derived from a mammary adenocarcinoma of a 69-year-old woman. It is a highly tumorigenic, anchorage-dependent cell line that grows in suspension and adherent culture. T47D cells are characterized by their ability to form mammary-like structures in vivo and their sensitivity to anti-estrogen therapy. The cell line is widely used in breast cancer research, particularly in studies related to hormone therapy and drug resistance.

Organism *Homo sapiens*

Tissue Mammary gland

Disease Breast cancer

Metastatic site Liver, lung, bone, brain

Synonyms T-47-D, T47-D, T47D:A, T47D: A, T47D

Characteristics

Age 54 years

Gender Female

Ethnicity Caucasian

Morphology Epithelial cells

Growth properties Anchorage dependent, suspension growth

References

Citation T47D (ATCC CRL-1191) | 300353

Biosafety level 1

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XXXXXXXX HLA

A*: '33:01:01
B*: '14:02:01
C*: '08:02:01
DRB1*: '01:02:01
DQA1*: '01:01:02
DQB1*: '05:01:01
DPB1*: '02:01:02, '04:01:01
E: '01:01:01