

T47D | 300353

Product description

Description

T47D, a human mammary epithelial cell line, is derived from a 50-year-old woman with a benign breast tumor. The cells are characterized by their ability to form mammary-like structures in culture and their sensitivity to hormonal regulation. T47D cells are commonly used in breast cancer research, particularly in studies related to drug response and hormone therapy. The cells are maintained in DMEM/F12 medium supplemented with insulin, transferrin, selenium, and prolactin. T47D cells are known for their high proliferation rate and their ability to form mammary-like structures in culture. They are also used in studies related to the development of breast cancer therapies.

Organism

Human

Tissue

Breast

Disease

Benign breast tumor

Metastatic site

Not applicable

Synonyms

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

Product information

Age

54 years

Gender

Female

Ethnicity

Not applicable

Morphology

Epithelial cells

Growth properties

Adherent, epithelial

Product details

Citation

T47D (ATCC CCL-21) Cytion 300353

Biosafety level

1

Product sheet

HEK293T47D | 300353

NCBI_TaxID 9606

CellosaurusAccession CVCL_0553

HEK293T47D-HEK293T47D

Receptors expressed **EGFR**, **HER2**, **IGF1R**, **IGF2R**, **IGF1R**, **IGF2R**, **IGF1R**, **IGF2R**, **IGF1R**, **IGF2R**

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

Oncogenes Wnt3 +, wnt7h +, wnt7b+

Tumorigenic **Yes**, **Yes** **Yes**

Mutational profile **TP53**

Karyotype **46, XX**, **46, XX** **46, XX** **46, XX** **46, XX** **46, XX**

HEK293T47D

Culture Medium RPMI 1640, w: 2.0 mM **Glucose**, w: 2.0 g/L NaHCO₃ (**Glucose** **Glucose** **Glucose** Cytion 820700a)

Supplements **10% FBS**, 10 **µg/ml** **Insulin** HREC

Dissociation Reagent **Trypsin**

Subculturing **1:2** **1:3** **1:4** **1:5** **1:6** **1:7** **1:8** **1:9** **1:10** **1:11** **1:12** **1:13** **1:14** **1:15** **1:16** **1:17** **1:18** **1:19** **1:20** **1:21** **1:22** **1:23** **1:24** **1:25** **1:26** **1:27** **1:28** **1:29** **1:30** **1:31** **1:32** **1:33** **1:34** **1:35** **1:36** **1:37** **1:38** **1:39** **1:40** **1:41** **1:42** **1:43** **1:44** **1:45** **1:46** **1:47** **1:48** **1:49** **1:50** **1:51** **1:52** **1:53** **1:54** **1:55** **1:56** **1:57** **1:58** **1:59** **1:60** **1:61** **1:62** **1:63** **1:64** **1:65** **1:66** **1:67** **1:68** **1:69** **1:70** **1:71** **1:72** **1:73** **1:74** **1:75** **1:76** **1:77** **1:78** **1:79** **1:80** **1:81** **1:82** **1:83** **1:84** **1:85** **1:86** **1:87** **1:88** **1:89** **1:90** **1:91** **1:92** **1:93** **1:94** **1:95** **1:96** **1:97** **1:98** **1:99** **1:100** **1:101** **1:102** **1:103** **1:104** **1:105** **1:106** **1:107** **1:108** **1:109** **1:110** 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Cellulose acetate dialysis membrane, 1000 MWCO, 100 cm² (FBS) + 10% DMSO (control) or 10% DMSO + 10% C

1. Өзіндік жұмыстың мақсаты мен міндеттері, оның нәтижесінде оқушының білім деңгейінің қандай деңгейде болуы керектігі туралы нақты анықталуы керек.
2. Өзіндік жұмыстың, оқушының өзіндік жұмыстың нәтижесінде оқушының білім деңгейінің қандай деңгейде болуы керектігі туралы нақты анықталуы керек.
3. Өзіндік жұмыстың нәтижесінде, оқушының өзіндік жұмыстың нәтижесінде оқушының білім деңгейінің қандай деңгейде болуы керектігі туралы нақты анықталуы керек.
4. Өзіндік жұмыстың нәтижесінде, оқушының өзіндік жұмыстың нәтижесінде оқушының білім деңгейінің қандай деңгейде болуы керектігі туралы нақты анықталуы керек.
5. Өзіндік жұмыстың нәтижесінде, оқушының өзіндік жұмыстың нәтижесінде оқушының білім деңгейінің қандай деңгейде болуы керектігі туралы нақты анықталуы керек.
6. Өзіндік жұмыстың нәтижесінде, оқушының өзіндік жұмыстың нәтижесінде оқушының білім деңгейінің қандай деңгейде болуы керектігі туралы нақты анықталуы керек.
7. Өзіндік жұмыстың нәтижесінде, оқушының өзіндік жұмыстың нәтижесінде оқушының білім деңгейінің қандай деңгейде болуы керектігі туралы нақты анықталуы керек.
8. Өзіндік жұмыстың нәтижесінде, оқушының өзіндік жұмыстың нәтижесінде оқушының білім деңгейінің қандай деңгейде болуы керектігі туралы нақты анықталуы керек.

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Sterility

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THESE RESEARCHERS HAVE CONDUCTED RESEARCH ON THE EFFECTS OF THE COVID-19 PANDEMIC ON THE MENTAL HEALTH OF CHILDREN AND YOUNG PEOPLE. THEIR RESEARCH HAS SHOWN THAT THE PANDEMIC HAS HAD A NEGATIVE IMPACT ON THE MENTAL HEALTH OF CHILDREN AND YOUNG PEOPLE, WITH INCREASED RATES OF ANXIETY, DEPRESSION, AND OTHER MENTAL HEALTH PROBLEMS. THE RESEARCHERS HAVE ALSO IDENTIFIED SEVERAL FACTORS THAT CONTRIBUTE TO THESE PROBLEMS, INCLUDING ISOLATION, LOSS OF SUPPORT, AND UNCERTAINTY ABOUT THE FUTURE.

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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