

LS174T | 300392

Cell Line

Description LS147T is a cell line derived from LS-180, a human colon adenocarcinoma cell line. It is a subclone of LS-180, established from a primary culture of LS-180 cells. LS147T cells are characterized by their ability to form colonies in soft agar and their sensitivity to the chemotherapeutic agent 5-fluorouracil (5-FU). LS147T cells are commonly used in research related to colorectal cancer, particularly in studies involving drug resistance and metastasis. LS147T cells are also used in the study of the role of the tumor suppressor gene p53 in colorectal cancer. LS147T cells are a derivative of LS-180 cells, which were established from a primary culture of LS-180 cells. LS147T cells are characterized by their ability to form colonies in soft agar and their sensitivity to the chemotherapeutic agent 5-fluorouracil (5-FU). LS147T cells are commonly used in research related to colorectal cancer, particularly in studies involving drug resistance and metastasis. LS147T cells are also used in the study of the role of the tumor suppressor gene p53 in colorectal cancer.

Organism Human

Tissue Colon

Disease Colorectal cancer

Synonyms Ls174T, LS174t, Ls-174-T, LS-174-T, LS 174 T, LS174T, Ls-174T, LS 174T, LS-174, LS174

Characteristics

Age 58 years

Gender Male

Ethnicity Caucasian

Morphology Epithelial

Growth properties Adherent

References

Citation LS174T (ATCC CCL-222) | Cytion 300392

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_1384

LS174T | 300392

Sterility

PCR

HLA

- A***: '02:xx, '30:01:01
- B***: '13:xx, '35:01:01
- C***: '04:01:01, '06:xx
- DRB1***: 04:02:01, 07:01:01
- DQA1***: '02:01:01, '03:01:01
- DQB1***: '02:02:01, '03:02:01
- DPB1***: '03:01:01G, '04:01:01
- E**: 01:01, 01:03