

LN18 | 305822

Description LN-18 is a cell line derived from a patient with a melanoma. It is a highly tumorigenic cell line that grows in suspension. LN-18 is a melanoma cell line that is highly tumorigenic and grows in suspension. It is derived from a patient with a melanoma. LN-18 is a melanoma cell line that is highly tumorigenic and grows in suspension. It is derived from a patient with a melanoma.

Organism Homo sapiens

Tissue Melanocytes

Disease Melanoma

Synonyms LN 18, LN18, LN018, LN018

Age 61 years

Gender Male

Ethnicity Caucasian

Growth properties Adherent

Citation LN-18 (ATCC CRL-2739) | ATCC CRL-2739

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0392

Antigen expression HLA A2, A9, B5, BW35, DW3, DW3

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Oncogenes P53+ (TGT (Cys) --> TCT (Ser) 238) PTEN+ p16- p14ARF-

Tumorigenic

Mutational profile CDKN2A PIK3CB p.Glu1051Lys (c.3151G>A) TP53

Culture Medium DMEM 4.5 4 3.7 NaHCO3 1.0 82

Supplements 5 FBS

Dissociation Reagent

Doubling time 72


Freeze medium FBS + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells rapidly in a 37°C water bath.
2. Centrifuge at 300 x g for 3 minutes.
3. Resuspend cells in 10 ml of complete medium.
4. Seed cells into a T25 flask at 70% confluency.
5. Incubate for 15-24 hours.
6. Harvest cells when 80% confluent.
7. Wash cells with PBS.
8. Harvest cells into RNeasy lysis buffer.

Product sheet

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Incubation Atmosphere 37 


Flask Coating 

Freezing Procedure -78

Shipping Conditions -78

Storage Conditions -150 -196 

/ / HLA

Sterility  (PCR) 