

Product sheet

AN3 Ca C | 300119

DESCRIPTION

Description AN3 Ca is a cell line derived from a patient with Acanthosis Nigricans. It is a fibroblast cell line that is used for research purposes. The cell line is characterized by its ability to form colonies in culture and its sensitivity to certain growth factors. It is a valuable tool for studying the pathogenesis of Acanthosis Nigricans and for testing potential treatments.

Organism Human

Tissue Skin

Disease Acanthosis Nigricans

Synonyms AN3_CA, AN3-CA, AN3 Ca, AN3 Ca, AN3CA, AN3CA, AN3, AN3, AN3, Acanthosis Nigricans

CHARACTERISTICS

Age 55

Gender Male

Ethnicity German

Morphology Fibroblast

Cell type Fibroblast

Growth properties Adherent

REFERENCES

Citation AN3 Ca (Cell Culture Collection 300119)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0028

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XXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX

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

Tumorigenic XXXX XX XXXXXXXXXXX XXXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX (22%) XX XXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXX

Ploidy status XXXXXXX XXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXX XXXXXXX XXXXXXX XXXXXXXXXXX 0.0054

XXXXXXXXXX

Culture Medium EMEM (MEM Eagle) XX 2 XXXXX XXXXXXX-XXXXXXXXXXXX XX 2.2 XX/XXXX NaHCO3 XX EBSS (XXXX XXXXXXX 820100a XX XXXXXXXXXXX)

Supplements XXXXXXX XX XXXXXXX 10 XX XXXXXXX XXXXXXX XXXXXXXXXXX XX 1 XX XX XXXXXXXXXXX XXXXXXXXXXX

Dissociation Reagent XXXXXXX

Doubling time 45 XXX 50 XXX

Subculturing XX XXXXXXX XXXXXXX XXXXXXX XX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX PBS XXXXX XXXXXXX XX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXXXX

Split ratio A ratio of 1:3 to 1:6 is recommended

Seeding density XXXXXXX XXXXXXX ~~1.2-1.5~~ ~~1-2~~ XXXXXXX XXXXXXX XXXXXXX 4 XXX 5 XXX

Fluid renewal 2 XXX 3 XXXXX XX XXXXXXXXXXX

Post-Thaw Recovery XX XXXXX 24 XXX 48 XXX

Freeze medium XXXXXXX XXXXXXX XXXXXXXXXXX XXXXXXXXXXX XXX XXX XXX (XXXX XX XXX FBS) + 10% DMSO XX XXXX XXXXXXXXXXX XXX XXXXXXX XXXXXXX XXX XXXXXXX XXXXXXX XXXXXXX

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XXXXXXXX XXXXXXXXXXXXSTRAmelogenin: x,x

- CSF1PO:** 12,14,15
- D13S317:** 12,14
- D16S539:** 10,14,15
- D5S818:** 11,14
- D7S820:** 7.1,10
- TH01:** 9.3,10
- TPOX:** 8,1
- vWA:** 14,19,20,21
- D3S1358:** 17
- D21S11:** 29,3
- D18S51:** 15,17,18
- Penta E:** 9,16
- Penta D:** 9,16
- D8S1179:** 12,14
- FGA:** 23
- D1S1656:** 13,18.3
- D6S1043:** 12,13,14,15,18
- D2S1338:** 20,23
- D12S391:** 20,21,23,24,25
- D19S433:** 14

XXXXXXXX HLA

- A*:** '03:01:01
- B*:** '44:02:01, '57:01:01
- C*:** '05:01:01, '06:02:01
- DRB1*:** '04:01:01G, '16:01:01
- DQA1*:** '01:02:02, '03:01:01
- DQB1*:** '03:02:01, '05:02:01
- DPB1*:** '05:01:01 XXX'13:01:01 XXX'13:01:01 X
- E:** '01:03:02