

Product sheet

KATO-III | 300381

Description

KATO-III

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Organism

Tissue

Disease

Metastatic site

Synonyms

KATO III KATOIII

KATO 3 JTC-28

-28

Age

57

Gender

Ethnicity

Morphology

Growth properties

/

Citation

KATO-III Cytion 300381

Biosafety level

1

NCBI_TaxID

9606

CellosaurusAccession

CVCL_0371

KATO-III | 300381

Protein expression P53 CEA

Antigen expression B Rh+

Isoenzymes PGM3 1 PGM1 1 ES-D 1 AK-1 1 GLO-1 2 G6PD B 0.0742

Tumorigenic

Karyotype 2S 6.2% S 9 4 2 HSR t(11,HSR)

Culture Medium Ham's F12 w 1.0 mM w 1.0 mM w 1.1 g/L NaHCO₃ Cytion 820600a

Supplements 10% FBS

Dissociation Reagent Accutase

Doubling time 36

Subculturing 15 PBS T25 3-5 T75 5-10 Accutase T25 1-2 T75 2.5

Seeding density $2 \times 10^4 / \text{cm}^2$ 2 3

Fluid renewal 3 5

Post-Thaw Recovery ⁴ 5×10 24

Freeze medium FBS +10% DMSO CM-1 Cytion 800100 CM-1 Cytion 800100

Thawing and Culturing Cells

- 1.
2. -150°C 3
3. 37°C 40-60
4. 70%
5. 8 15
6. 300 x g 3
7. 10 T25 T25
- 8.

Incubation Atmosphere

37°C, 5% CO₂,

Flask Coating

Freezing Procedure

-78 °C

Shipping Conditions

-78 °C

Storage Conditions

-150 -196 -80 °C

Sterility

PCR

HLA

A*: '02:01:01, '02:07:01
B*: '15:01:01, '46:01:01
C*: '01:02:01, '03:03:01
DRB1*: '08:03:02, '15:01:01G
DQA1*: '01:02:01, '01:03:01
DQB1*: '06:01:01, '06:02:01
DPB1*: '02:01:02, '02:02:01
E: '01:03:02