

KATO-III | 300381

Description	KATO-III
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Organism

Tissue

Disease

Metastatic site

Synonyms	III, -III, III, III, III, 3, JTC-28, -28
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Age	57
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Gender

Ethnicity

Morphology

Growth properties	/
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Citation	KATO-III(300381)
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_0371
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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% .9 S ,4 . (2)

Culture Medium F12, w: 1.0mM , w: 1.0mM , w: 1.1g/L NaHCO3(820600a)

Supplements 10% FBS

Dissociation Reagent

Doubling time 36

Subculturing 15ml PBS (T25 3~5ml, T75 5~10ml).

Split ratio A ratio of 1:2 to 1:8 is recommended

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

Fluid renewal 3~5

Post-Thaw Recovery $5 \times 10^4 / \text{cm}^2$, 24 .

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

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Thawing and Culturing Cells	
1.	.
2.	-150°C , 3 .
3.	37°C 40~60 .
4.	, 70% .
5.	8ml 15ml .
6.	300 x g 3 .
7.	10ml . T25 , T25
8.	.

Incubation Atmosphere 37°C, 5% CO₂ .

Flask Coating	
	.

Freezing Procedure -78°C .

Shipping Conditions	
	-78°C .

Storage Conditions -150°C -196°C .80°C .

/ / HLA

Sterility	
	PCR .
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STR

Amelogenin: x,x
CSF1PO: 7,11
D13S317: 8,12
D16S539: 10,12
D5S818: 10,11
D7S820: 8,12
TH01: 7,9
TPOX: 11
vWA: 14,16
D3S1358: 15,16
D21S11: 30,31
D18S51: 12
Penta E: 13,18,19
Penta D: 13,14
D8S1179: 13,14
FGA: 23,24

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