

KATO-III | 300381

Description	KATO-III	KATO-III
	KATO-III	

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
----------------------	---------------	-------------	--------	-------------	--------

KATO-III | 300381

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

/ /HLA

Sterility PCR

KATO-III | 300381

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