

KATO-III | 300381

Description	KATO-III					KATO-III
	KATO-III		KATO-III		in vitro	
Organism						
Tissue						
Disease						
Metastatic site						
Synonyms	KATO	KATO	KATO3	JTC-28	-28	
Age	57					
Gender						
Ethnicity						
Morphology						
Growth properties						
Citation	KATO-III		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	4	2S	6.2%	9	S	4	HSR t(11,HSR)
------------------	---	----	------	---	---	---	---------------

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

Supplements	10% FBS
--------------------	---------

Dissociation Reagent	
-----------------------------	--

Doubling time	36
----------------------	----

Subculturing	15 ml	PBS	T25	3 5 ml T75	5 10 ml	T25
---------------------	-------	-----	-----	------------	---------	-----

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

Seeding density	2×10^4 /cm ²	2 3
------------------------	----------------------------------	-----

Fluid renewal	3 5
----------------------	-----

Post-Thaw Recovery	4×10^4	24
---------------------------	-----------------	----

Freeze medium	FBS	10 DMSO	CM-1
----------------------	-----	---------	------

KATO-III | 300381

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

Incubation Atmosphere 37 5% CO₂

Flask Coating				

Freezing Procedure -78

Shipping Conditions				
		-78		

Storage Conditions -150 -196 80

HLA

Sterility				
		PCR		

KATO-III | 300381

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