

**KATO-III | 300381**

<b>Description</b>	KATO-III	KATO-III
	KATO-III	

**Organism**

**Tissue**

**Disease**

**Metastatic site**

<b>Synonyms</b>	KATO III	KATOIII	KATO 3	JTC-28	-28
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<b>Age</b>	57
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**Gender**

**Ethnicity**

**Morphology**

<b>Growth properties</b>	/
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<b>Citation</b>	KATO-III Cytion	300381
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<b>Biosafety level</b>	1
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<b>NCBI_TaxID</b>	9606
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<b>CellosaurusAccession</b>	CVCL_0371
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<b>Protein expression</b>	P53	CEA
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<b>Antigen expression</b>	B Rh+
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<b>Isoenzymes</b>	PGM3 1	PGM1 1	ES-D 1	AK-1 1	GLO-1 2	G6PD B	0.0742
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<b>Tumorigenic</b>	
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<b>Karyotype</b>	2S	6.2%	S	9	4	2	HSR t(11,HSR)
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<b>Culture Medium</b>	Ham's F12 w 1.0 mM	w 1.0 mM	w 1.1 g/L NaHCO3	Cytion	820600a
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<b>Supplements</b>	10% FBS
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<b>Dissociation Reagent</b>	Accutase
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<b>Doubling time</b>	36
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<b>Subculturing</b>	15	PBS T25	3-5	T75	5-10	Accutase T25	1-2	T75	2.5
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<b>Split ratio</b>	A ratio of 1:2 to 1:8 is recommended
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<b>Seeding density</b>	$2 \times 10^4 / \text{cm}^2$	2	3
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<b>Fluid renewal</b>	3	5
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<b>Post-Thaw Recovery</b>	$4$	$5 \times 10$	24
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<b>Freeze medium</b>	FBS +10% DMSO	CM-1 Cytion	800100	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.		8	15	
6.	300 x g	3		
7.	10		T25	T25
8.				

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>

**Flask Coating**

**Freezing Procedure** -78 °C

**Shipping Conditions** -78 °C

**Storage Conditions** -150 -196 -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