

-1 | 300226

Description	Kasumi-1	AML	FAB M2	7			t(8;21)
	-1				12-	13-	TPA

Organism

Tissue

Disease

Synonyms	1	1	1	1
-----------------	---	---	---	---

Age	7
------------	---

Gender

Ethnicity

Morphology

Cell type	AML-
------------------	------

Growth properties

Citation	Kasumi-1 (Cytion	300226)
-----------------	------------------	---------

Biosafety level	1
------------------------	---

NCBI_TaxID	9606
-------------------	------

CellosaurusAccession	CVCL_0589
-----------------------------	-----------

-1 | 300226

Antigen expression	CD4+ 37.1	CD34	CD33	CD13+ OKM13	CD15+ LeuM1	CD33+ CD34+ MY10	CD38+ OKT10 50.1	CD71+ N
Karyotype	T(8,21)							
Culture Medium	RPMI1640 w 2.0mM w 2.0g/L NaHCO3 Cytion article number 820700a							
Supplements	10	FBS						
Doubling time	40	45						
Subculturing		⁶ /ml		5×10 ⁵ /ml		3×10 ⁵	1×10	
Split ratio	A ratio of about 1:2 to 1:3 every 3 to 4 days is recommended							
Seeding density	1 × 10 ⁵ /ml							
Fluid renewal	2 3	20 30						
Post-Thaw Recovery	1							
Freeze medium				FBS	10	DMSO		CM-1

-1 | 300226

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 1
- 8.

Incubation Atmosphere 37 5% CO₂

Flask Coating

Freezing Procedure -78

Shipping Conditions -78

Storage Conditions -150 -196 80

HLA

Sterility PCR

-1 | 300226

STR

Amelogenin: x,x
CSF1PO: 10,12
D13S317: 11,13
D16S539: 9,12
D5S818: 9,11
D7S820: 8,11
TH01: 6,9
TPOX: 8,9
vWA: 14
D3S1358: 15,17
D21S11: 30,31
D18S51: 15,16
Penta E: 11
Penta D: 12
D8S1179: 13,14
FGA: 22,24

HLA

A*: '26:01:01, '26:02:01
B*: '40:06:01, '48:01:01
C*: '03:03:01, '08:01:01
DRB1*: '09:01:02, '14:54:01
DQA1*: '01:04:01, '03:02:01
DQB1*: '03:03:02, '05:03:01
DPB1*: '02:01:02, '02:01:02
E: '01:03:01