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

Organism

Tissue

Disease

Synonyms	KASUMI-1, Kasumi 1, KASUMI1, Kasumi1
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Age	7
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Gender

Ethnicity

Morphology

Cell type	AML-
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Growth properties

Citation	Kasumi-1 Cytion 300226
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_0589
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Antigen expression	CD4+ 37.1% DR+ OKDR	CD34	CD33	CD13+ OKM13	CD15+ LeuM1	CD33+ CD34+ MY10	CD38+ OKT10 50.1%	CD71+ M
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Karyotype	T(8,21)
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Culture Medium	RPMI 1640 w 2.0 mM	w 2.0 g/L NaHCO ₃	Cytion	820700a
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Supplements	10%	FBS
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Doubling time	40	45
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Subculturing	1×10^5	1×10^6	3×10^6	5×10^6
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Split ratio	A ratio of about 1:2 to 1:3 every 3 to 4 days is recommended		
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Seeding density	1×10^5	/
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Fluid renewal	2	3	20%	30
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Post-Thaw Recovery

Freeze medium	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% CO₂

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: 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