

-1 | 300226

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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 |
|-----------------|--------------------------------------|

| | |
|------------|---|
| Age | 7 |
|------------|---|

Gender

Ethnicity

Morphology

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

Growth properties

| | |
|-----------------|------------------------|
| Citation | Kasumi-1 Cytion 300226 |
|-----------------|------------------------|

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

| | |
|-------------------|------|
| NCBI_TaxID | 9606 |
|-------------------|------|

| | |
|-----------------------------|-----------|
| 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 |
| Karyotype | T(8,21) | | | | | | |
| Culture Medium | RPMI 1640 w 2.0 mM | w 2.0 g/L NaHCO ₃ Cytion | | | | | 820700a |
| Supplements | 10% | FBS | | | | | |
| Doubling time | 40 | 45 | | | | | |
| Subculturing | ⁵ | / ⁵ | 1×10 ⁶ | / 3×10 | 5×10 | | |
| Seeding density | 1 × 10 ⁵ | / | | | | | |
| Fluid renewal | 2 | 3 | 20% | | 30 | | |
| 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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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