

K562 | 300224

[illegible]

Organism

Tissue

Disease

Synonyms K562 K.562 K 562 KO GM05372 GM05372E

Age	53
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Gender

Ethnicity

Morphology

Cell type

Growth properties

Citation	K562 Cytion	300224
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Biosafety level	1
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NCBI_TaxID 9606

CellosaurusAccession CVCL_0004

Antigen expression CD7 (25%)

Isoenzymes G6PD B AK-1 1 ES-D 1 GLO-1 2 PGM1 0 PGM3 1 Me-2 0

Oncogenes BCR-ABL1

Tumorigenic

Reverse transcriptase

Culture Medium RPMI 1640 w 2.0 mM w 2.0 g/L NaHCO₃ Cytion 820700a

Supplements 10% FBS

Subculturing 5×10^5 / 1×10^6 / 3×10^6 5×10Seeding density 3×10^5 /

Fluid renewal

Post-Thaw Recovery 24 48

Freeze medium FBS +10% DMSO CM-1 Cytion 800100 CM-1 Cytion 800100

Product sheet

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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

Sterility

PCR

Product sheet

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HLA

A*: '11:01:01, '31:01:02
B*: '18:01:01, '40:01:02
C*: '03:04:01, '05:01:01
DRB1*: '03:01:01, '04:04:01
DQA1*: '03:01:01, '05:01:01
DQB1*: '02:01:01, '03:02:01
DPB1*: '04:01:01G '04:02:01G
E: '01:03:02