

K562 | 300224

Description	
53	K562
NK	K562
K562	9 22
K562	(NK)
	BCR-ABL
	ABL
	K562

Organism

Tissue

Disease

Synonyms K562, K.562, K 562, KO, GM05372, GM05372E

Age 53

Gender

Ethnicity

Morphology

Cell type

Growth properties

Citation K562(300224)

Biosafety level 1

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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_0004
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Antigen expression	CD7 (25%)
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Isoenzymes	G6PD, B, AK-1, 1, ES-D, 1, GLO-1, 2, PGM1, 0, PGM3, 1, Me-2, 0
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Oncogenes	BCR-ABL1
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Tumorigenic	, .
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Reverse transcriptase	
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Culture Medium	RPMI 1640, w: 2.0mM , w: 2.0g/L NaHCO3(820700a)
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Supplements	10% FBS
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Subculturing	. 5 x 10 ⁵ /ml , 3 x 10 ⁵ ~ 1 x 10 ⁶ /ml .
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Seeding density	3 x 10 ⁵ /mL
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Fluid renewal	2
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Post-Thaw Recovery	24~48 .
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Freeze medium	(FBS) + 10% DMSO , 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. 8ml 15ml .
6. 300 x g 3 .
7. 10ml . T25 , T25
8. .

Incubation Atmosphere

37°C, 5% CO₂ .

Flask Coating

Freezing Procedure

-78°C .

Shipping Conditions

-78°C .

Storage Conditions

-150°C -196°C .80°C .

/ / HLA

Sterility

PCR .

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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