

K562 | 300224

Description									
K562	53						K-562		
NK	K562				NK	K562			K562
K562			9	22		BCR-ABL		ABL	
K562					ABL	ABL		K562	FGFR
K562				NK					

Organism

Tissue

Disease

Synonyms K562 K.562 K 562 KO GM05372 GM05372E

Age 53

Gender

Ethnicity

Morphology

Cell type

Growth properties

Citation K562 Cytion 300224

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 / ⁵ 1×10⁶ / 3×10 5×10

Seeding density 3 × 10⁵ /

Fluid renewal

Post-Thaw Recovery 24 48

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*: '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