Product sheet

K562 | 300224

Description	53 K562 , , . K-562 , NK K562 . NK K562 K562 K562 9 22 BCR-ABL . ABL K562 . ABL ABL . (NK) 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
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: 2.0mM , w: 2.0g/L NaHCO3(820700a)
Supplements	10% FBS
Subculturing	. 5×10^5 /ml , $3 \times 10^5 \sim 1 \times 10^6$ /ml .
Seeding density	3×10^5 /mL
Fluid renewal	2
Post-Thaw Recovery	24~48 .
Freeze medium	(FBS) + 10% DMSO , CM-1(Cytion 800100)

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