

Product sheet

Jurkat | 302147

Description	Jurkat	T	T-ALL	14	T				
	Jurkat	CD4	CD4	HIV	Jurkat	HIV	HIV	T	
	Jurkat						Jurkat		
	Jurkat	Lck	T	T					
	Jurkat E6.1	Jurkat							
	Jurkat								

Organism

Tissue

Disease T

Metastatic site

Applications T T T T

Synonyms Jurkat JM JM-Jurkat Jurkat-FHCRC Jurkat FHCRC FHCRC-11 FHCRC 11 FCCH1024

Age 14

Gender

Ethnicity

Morphology

Growth properties

Citation Jurkat Cytion 302147

Jurkat | 302147

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0065

Antigen expression	Jurkat	T	TCR	CD3	CD4	CD8	T
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Mutational profile	Jurkat	TCR	O-	TCR	PTEN	INPP5D	CTLA4	SYK	T
	L., Siddique, A., Head, S. R., Salomon, D. R., & Su, A. I. (2018).Jurkat				BMC genomics, 19, 1-13.				

Karyotype	Jurkat	46	7.8%
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Culture Medium	RPMI 1640 w 2.0 mM	w 2.0 g/L NaHCO3	Cytion	820700a
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Supplements	10%	FBS
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Doubling time	26
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Subculturing	⁵ /	1×10
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Fluid renewal	2 3
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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

Sterility

PCR