Product sheet

| 302147

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

Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0065

Antigen expression	T TCR CD3 CD4 CD8 T T
Mutational profile	Jurkat T TCR O- TCR PTEN INPP5D CTLA4 SYK Gioia, L., Siddique, A., Head, S. R., Salomon, D. R., & Su, A. I. (2018). Jurkat BMC Genomics, 19, 1-13.
Karyotype	Jurkat 46 7.8%

Culture Medium	RPMI 1640 2.0 mM 2.0 g/L $NaHCO_3$ Cytion 820700a
Supplements	10%
Doubling time	26
Subculturing	1×10^5 /
Fluid renewal	2 3
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. 8 15 6. 300 x g 3 7. 10 T25 T25 8.
Incubation Atmosphere	37°C 5% CO_2
Shipping Conditions	−78 °C
Storage Conditions	−150 −196 °C −80 °C
Sterility	PCR