

THP-1 | 300356

Description	THP1	1	THP-1	THP-1		
	THP-1			THP-1	M1	M2
		THP-1				
	THP-1		U937			
				THP-1		

Organism

Tissue

Disease

Applications	THP1	/
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Synonyms	THP1, THP 1, THPI, O-THP-1,	-1
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Age

Gender

Morphology

Cell type

Growth properties	THP1
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Citation	THP-1 Cytion	300356
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_0006
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Receptors expressed	HLA HLA-A2 -A9 -B5 -DRw1 -DRw2Fc C3b
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Isoenzymes	THP-1 CD4 CCR5 CxCR4 HIV CD14 CD80 CD86 CD11b CD11c Mertk CD1a
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Products

Karyotype	THP-1
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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	THP-1 19 50 35
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Subculturing	⁵ / 1×10
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Seeding density	0.5 × 10 ⁶ /
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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

/ /HLA

Sterility PCR

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HLA

A*: '02:01:01

B*: '15:11:01

C*: '03:03:01

DRB1*: '01:01:01, '15:01:01

DQA1*: '01:01:01, '01:02:01

DQB1*: '05:01:01, '06:02:01

DPB1*: '02:01:02G '04:02:01G

E: '01:03:02