

THP-1 | 300356

<b>Description</b>	THP1	1			THP-1	
	THP-1					THP-1
			THP-1			
		THP-1	U937			
	THP-1					

**Organism**

**Tissue**

**Disease**

<b>Applications</b>	THP1	/				
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<b>Synonyms</b>	THP1	THP 1	THPI	O-THP-1	-1	
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<b>Age</b>	1					
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**Gender**

**Morphology**

**Cell type**

<b>Growth properties</b>	THP1					
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<b>Citation</b>	THP-1	300356				
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<b>Biosafety level</b>	1					
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<b>NCBI_TaxID</b>	9606
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<b>CellosaurusAccession</b>	CVCL_0006
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<b>Receptors expressed</b>	HLA	HLA-A2 -A9 -B5 -DRw1 -DRw2Fc C3b
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<b>Isoenzymes</b>	THP-1	CD4 CCR5 CxCR4	HIV	THP-1	CD14	CD80 CD86 CD11b
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<b>Products</b>	
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<b>Karyotype</b>	THP-1	2	2
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<b>Culture Medium</b>	RPMI1640 w 2.0mM	w 2.0g/L NaHCO3 Cytion article number 820700a
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<b>Supplements</b>	10	FBS
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<b>Doubling time</b>	THP-1	19	50	35
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<b>Subculturing</b>	<sup>5</sup> /ml	1ml	1×10
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<b>Seeding density</b>	0.5 × 10 <sup>6</sup> /mL
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<b>Fluid renewal</b>	2 3
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<b>Freeze medium</b>	FBS	10 DMSO	CM-1
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**Thawing and Culturing Cells**

- 1.
2. -150 3
3. 37 40 60
4. 70
5. 8ml 15ml
6. 300 x g 3
7. 10ml 2 T25 1
- 8.

**Incubation Atmosphere** 37 5% CO<sub>2</sub>

**Flask Coating**

**Freezing Procedure** -78

**Shipping Conditions**

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**Storage Conditions** -150 -196 80

**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