

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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# Product sheet



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**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_0006

**Receptors expressed** HLA HLA-A2 -A9 -B5 -DRw1 -DRw2Fc C3b

**Isoenzymes** THP-1 CD4 CCR5 CxCR4 HIV THP-1 CD14 CD80 CD86 CD11b

**Products**

**Karyotype** THP-1 2 2

**Culture Medium** RPMI1640 w 2.0mM w 2.0g/L NaHCO3 Cytion article number 820700a

**Supplements** 10 FBS

**Doubling time** THP-1 19 50 35

**Subculturing** <sup>5</sup> /ml 1ml 1×10

**Seeding density** 0.5 × 10<sup>6</sup> /mL

**Fluid renewal** 2 3

**Freeze medium** 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