

Product sheet

THP-1 | 300356

Description	THP1	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

Age	1
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Gender

Morphology

Cell type

Growth properties	THP1
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Citation	THP-1 Cytion 300356
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Biosafety level 1

THP-1 | 300356

NCBI_TaxID 9606

CellosaurusAccession CVCL_0006

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

Isoenzymes THP-1 CD4 CCR5 CxCR4 HIV CD14 CD80 CD86 CD11b CD11c Mertk CD1a

Products

Karyotype THP-1

Culture Medium RPMI 1640 w 2.0 mM w 2.0 g/L NaHCO3 Cytion 820700a

Supplements 10% FBS

Doubling time THP-1 19 50 35

Subculturing ⁵ / 1×10

Seeding density 0.5 × 10⁶ /

Fluid renewal 2 3

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

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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