

THP-1 | 300356

Description 1 THP1 .
THP-1 , , . , THP-1
THP-1
, THP-1 U937 .
, THP-1 ,

Organism

Tissue

Disease

Applications THP1 , / , , ,

Synonyms THP1, THP 1, THPI, O-THP-1, -1

Age 1

Gender

Morphology

Cell type

Growth properties THP1 .

Citation THP-1(300356)

Biosafety level 1

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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 . CD14 CD80, CD86, CD11b, CD11c, M

Products

Karyotype THP-1 .

Culture Medium RPMI 1640, w: 2.0mM , w: 2.0g/L NaHCO3(820700a)

Supplements 10% FBS

Doubling time THP-1 19~50 35 .

Subculturing ⁵ /ml , , ml .. 1 x 10

Seeding density 0.5 × 10⁶ /mL

Fluid renewal 2~3

Freeze medium (FBS) + 10% DMSO , 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. 8ml 15ml .
6. 300 x g 3 .
7. 10ml . T25 , T25
8. .

Incubation Atmosphere

37°C, 5% CO₂ .

Flask Coating

Freezing Procedure

-78°C .

Shipping Conditions

-78°C .

Storage Conditions

-150°C -196°C .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