

PLC/PRF/5 | 300315

Description HBsAg . B .

Organism

Disease

Synonyms PLC-PRF-5, PLC PRF 5, PLC/PRF5, PLCPRF5, PLC-8024, PLC8024, PLC, , , / /5

Age 24

Gender

Ethnicity

Cell type

Growth properties

Citation PLC/PRF/5(300315)

Biosafety level 2

NCBI_TaxID 9606

CellSaurusAccession CVCL_0485

Products B (HBsAg)

Karyotype : 56, ,

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Culture Medium DMEM, w: 4.5g/L , w: 4mM L- , w: 3.7g/L NaHCO₃, w: 1.0mM (820300a)

Supplements 10% FBS

Dissociation Reagent

Doubling time 35~40

Subculturing PBS . T25 3~5ml, T75 5~10ml PBS . T25

Split ratio 1:4

Seeding density $1 \times 10^4 / \text{cm}^2$

Fluid renewal 2

Post-Thaw Recovery $5 \times 10^4 / \text{cm}^2$, 24 .

Freeze medium (FBS) + 10% DMSO , CM-1(Cytion 800100)

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. .

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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

- STR**
- Amelogenin:** x,x
 - CSF1PO:** 10
 - D13S317:** 11, 12
 - D16S539:** 13
 - D5S818:** 12
 - D7S820:** 9,11
 - TH01:** 7, 8
 - TPOX:** 8
 - vWA:** 15, 16
 - D3S1358:** 15
 - D21S11:** 30,33.2
 - D18S51:** 17
 - Penta E:** 10,16
 - Penta D:** 6,1
 - D8S1179:** 13,16
 - FGA:** 19.2,25
 - D1S1656:** 14
 - D6S1043:** 13,21
 - D2S1338:** 19
 - D12S391:** 20
 - D19S433:** 11,13

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HLA

A*: '03:01:01, '33:03:01

B*: '42:02:01, '53:01:01

C*: '04:01, '17:XX

DRB1*: '08:04:01, '13:01:01

DQA1*: '01:03:01, '04:01:02

DQB1*: '03:19:01, '06:03:01

DPB1*: '04:XX, '18:01

E: '01:01, '01:03