

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 (Cytion 300315)

**Biosafety level** 2

**NCBI\_TaxID** 9606

**CellSaurusAccession** CVCL\_0485

**Products** B HBsAg

**Karyotype** 56

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<b>Culture Medium</b>	DMEM w 4.5g/L	w 4mM L-	w 3.7g/L NaHCO3	w 1.0mM	Cytion 820300a
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**Supplements** 10% FBS

<b>Dissociation Reagent</b>	
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**Doubling time** 35 40

<b>Subculturing</b>		PBS	T25	3-5ml T75	5-10ml PBS	T25	1-2m
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**Split ratio** 1 4

<b>Seeding density</b>	$1 \times 10^4 / \text{cm}^2$
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**Fluid renewal** 2

<b>Post-Thaw Recovery</b>	$4 \times 10^6$	24
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**Freeze medium** FBS 10 DMSO CM-1

<b>Thawing and Culturing Cells</b>	1.				
	2.		-150		3
	3.		37		40 60
	4.	70			
	5.		8ml	15ml	
	6.	300 x g 3			
	7.	10ml		2 T25	1
	8.				

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

**Flask Coating**

**Freezing Procedure** -78

**Shipping Conditions** -78

**Storage Conditions** -150 -196 80

**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:** 30,332
  - 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