

RT-4 | 300326

**Description** Rigby 1970

**Organism**

**Tissue**

**Disease**

**Synonyms** RT4, RT4P

**Age** 63

**Gender**

**Ethnicity**

**Morphology**

**Growth properties**

**Citation** RT-4 Cytion 300326

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_0036

**Protein expression** P53

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**Antigen expression** HLA A25(10) A3 B12 Cw3 O

**Isoenzymes** Me-2 1 PGM1 1-2 PGM3 1-2 ES-D 1-2 AK-1 1 GLO-1 1-2 G6PD B 0.0050

**Tumorigenic**

**Karyotype** (P174)

**Culture Medium** EMEM MEM Eagle w 2 mM L- w 2.2 g/L NaHCO3 w EBSS Cytion 820100a

**Supplements** 10% FBS 1% NEAA

**Dissociation Reagent** Accutase

**Subculturing** PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5

**Split ratio** 1:2 1:4

**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% CO<sub>2</sub>

**Flask Coating**

**Freezing Procedure** -78 °C

**Shipping Conditions** -78 °C

**Storage Conditions** -150 -196 -80 °C

/ /HLA

**Sterility** PCR

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**STR**

- CSF1PO:** 10,12
- D13S317:** 8
- D16S539:** 9
- D5S818:** 11,12
- D7S820:** 9
- TH01:** 9,9.3
- TPOX:** 8,11
- vWA:** 14,17
- D3S1358:** 15
- D21S11:** 30,32.2
- D18S51:** 15,17
- Penta E:** 7,1
- Penta D:** 12
- D8S1179:** 13,15
- FGA:** 22,24

**HLA**

- A\*:** '02:01:01, '03:01:01
- B\*:** '44:02:01
- C\*:** '05:01:01
- DRB1\*:** '04:01:01, '14:54:01
- DQA1\*:** '01:04:01, '03:03:01
- DQB1\*:** '03:01:01, '05:03:01
- DPB1\*:** '04:01:01, '682:01:00
- E:** '01:01, '01:03