

RPMI 1788 | 300318

Description RPMI 1788 EBNA

Organism

Tissue

Synonyms RPMI-1788 RPMI1788 1788 GM02131 GM2131 GM02131A GM17219

Age 33

Gender

Ethnicity

Morphology

Cell type B

Growth properties

Citation RPMI 1788 Cytion 300318

Biosafety level 2

NCBI_TaxID 9606

CellosaurusAccession CVCL_2710

Antigen expression HLA A2 Aw33 B7 B14

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Isoenzymes G6PD B

Viruses EBNA-pos

Reverse transcriptase

Products IgM λ LT beta TNF-beta TNF beta

Karyotype

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

Supplements 10% FBS

Subculturing 1×10^5 / 1×10^6 / 3×10^7 5×10^7

Split ratio 1:2 1:4

Seeding density 1×10^5 /

Post-Thaw Recovery 8

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

/ /HLA

Sterility PCR

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STR

Amelogenin: x,y
CSF1PO: 10
D13S317: 11,13
D16S539: 10,13
D5S818: 12,13
D7S820: 10,12
TH01: 6,9.3
TPOX: 8,9
vWA: 18,19
D3S1358: 13,16
D21S11: 31,32.2
D18S51: 15,17
Penta E: 7,11
Penta D: 12,13
D8S1179: 13,14
FGA: 20,23

HLA

A*: '02:01:01, '33:01:01
B*: '07:06:01, '14:01:01
C*: '08:02:01, '15:05:02
DRB1*: '04:05:01, '07:01:01
DQA1*: '02:01:01, '03:03:01
DQB1*: '02:02:01, '03:02:01
DPB1*: '03:01:01G, '45:01:00
E: '01:01, '01:03