

Product sheet

XXXX RPMI 1788 | 300318

XXXXX XXXXX

Description	XX XXXXX RPMI 1788 XXXX XX XXXXX XX XXXX XXXXX XXXX. XXXXX XX EBNA XXXXXXXX.
Organism	XXX
Tissue	XX XXXXX
Synonyms	RPMI-1788, RPMI1788, XXXX XXXXXXXX XXXX XXXXXXXX 1788, GM02131, GM2131, GM02131A, GM17219

XXXXXXXXXXXX

Age	33 XXXX
Gender	XXX
Ethnicity	XXXXXX
Morphology	XXXX XXXXXXX
Cell type	XXXXXXXXXX B
Growth properties	XXXXXX

XXXXXXXXX XXXXXXXXXXXXXXX

Citation	RPMI 1788 (XXXX XXXXXXX Cytion 300318)
Biosafety level	2
NCBI_TaxID	9606
CellosaurusAccession	CVCL_2710

XXXXXXXXX XXX-XXXXXXXXXXXX

Antigen expression	HLA A2, Aw33, B7, B14
---------------------------	-----------------------

HEp-2 RPMI 1788 | 300318

Isoenzymes	G6PD, B
Viruses	EBNA-pos
Reverse transcriptase	HEp-2
Products	IgM (HEp-2, EBNA-1 (LT) HEp-2, EBNA-1 (TNF-beta, TNF beta)
Karyotype	46, XY, EBNA-1, EBNA-1, EBNA-1
HEp-2	
Culture Medium	RPMI 1640, w: 2.0 mM $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$, w: 2.0 g/L NaHCO_3 (HEp-2, EBNA-1 Cytion 820700a)
Supplements	HEp-2, EBNA-1 10% FBS
Subculturing	HEp-2, EBNA-1 5-6 passages, HEp-2, EBNA-1 5 x 10
Split ratio	HEp-2, EBNA-1 1:2, 1:4
Seeding density	1×10^5 cells/cm ²
Post-Thaw Recovery	HEp-2, EBNA-1 8 passages
Freeze medium	HEp-2, EBNA-1 (HEp-2 FBS) + 10% DMSO HEp-2, EBNA-1

HEK293T RPMI 1788 | 300318

Thawing and Culturing Cells

1. Thaw the vial rapidly in a 37°C water bath. Transfer the cells to a pre-warmed T25 flask containing 10 ml of pre-warmed medium.
2. Allow the cells to settle for 15 minutes at 37°C. Add 10 ml of fresh medium to the flask.
3. Incubate the cells in a humidified 5% CO₂ incubator at 37°C.
4. Monitor cell growth and confluency. Once cells reach 70-80% confluency, they can be passaged.
5. For passage, trypsinize the cells and seed them into a new flask with 15 ml of medium.
6. The cells should reach confluency within 3-5 days. Harvest cells for experiments.
7. For long-term storage, harvest cells and freeze them in liquid nitrogen.
8. Thaw frozen cells and reseed them into a new flask.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating None

Freezing Procedure Harvest cells and freeze in liquid nitrogen at -78°C.

Shipping Conditions Ship at -78°C.

Storage Conditions Store at -150°C for up to 196 months.

HEK293T / HEK293T / HLA

Sterility The cells are free of mycoplasmas and PCR detectable. The cells are free of endotoxins.

XXXXX RPMI 1788 | 300318

XXXXXXXX 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

XXXXXXXX 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