

Product sheet

RJ2.2.5 | 300360

General Information

Description	11 year old female Raji cell line
Organism	Human
Tissue	B-lymphocytes
Disease	Multiple Myeloma
Applications	Antibody production, B cell research, HLA
Synonyms	Rj2.2.5, RJ-2.2.5, RJ 2.2.5, RJ2.25, Raji 2.2.5

Characteristics

Age	11 years
Gender	Female
Ethnicity	European, African
Morphology	Clonal
Cell type	B cell
Growth properties	Adherent

Identification

Citation	RJ2.2.5 (Cytion 300360)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_3414

Additional Information

HEK293T-RJ2.2.5 | 300360

Thawing and Culturing Cells

1. **Thawing:** Thaw the vial rapidly in a 37°C water bath. Transfer the cells to a pre-warmed T25 flask containing 10 ml of complete DMEM medium. Gently mix the cells and incubate for 24 hours at 37°C, 5% CO₂.
2. **Seeding:** Seed cells into a 96-well plate at a density of 100,000 cells per well in 100 µl of complete DMEM medium. Incubate for 24 hours at 37°C, 5% CO₂.
3. **Media Change:** Remove the medium and replace with 100 µl of fresh complete DMEM medium. Incubate for 24 hours at 37°C, 5% CO₂.
4. **Harvesting:** Harvest cells at 70% confluency for downstream applications.
5. **Flask Coating:** Coat T25 flasks with 15 µg/ml poly-D-lysine for 15 minutes at room temperature.
6. **Media Volume:** Use 300 µl of complete DMEM medium per T25 flask.
7. **Seeding Density:** Seed 10⁶ cells per T25 flask.
8. **Media Change:** Change the medium every 2-3 days to maintain optimal growth conditions.

Incubation Atmosphere 37°C, 5% CO₂, humidified air

Flask Coating Poly-D-lysine

Freezing Procedure Harvest cells at 70-80% confluency, resuspend in freezing medium, and store at -80°C.

Shipping Conditions Ship at room temperature with dry ice for long-term storage.

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

HEK293T-RJ2.2.5 / HEK293T-RJ2.2.5 / HLA

Sterility Cells are mycoplasma-free and endotoxin-free. PCR screening is available upon request.

XXXXXXXX RJ2.2.5 | 300360

XXXXXXXX STR

Amelogenin: x,y
CSF1PO: 10,12
D13S317: 13,13
D16S539: 8,11
D5S818: 10,1
D7S820: 10,1
TH01: 6,7
TPOX: 8,13
vWA: 16,19
D3S1358: 15,16
D21S11: 28,31
D18S51: 17
Penta E: 5,13
Penta D: 3.2,9
D8S1179: 14,15
FGA: 19,27

XXXXXXXX HLA

A*: 03:01:01
B*: 15:10:01
C*: '03:04:02, '04:01:01
DRB1*: '03:01:01, '10:01:01
DQA1*: '01:05:01, '05:01:01
DQB1*: '02:01:01, '05:01:01
DPB1*: 01:01:01
E: 01:01:01