

Product sheet

RAJI | 300359

RAJI

Description RAJI is a cell line derived from a 11-year-old male patient with Burkitt's lymphoma. The cell line was established from a primary tumor in the maxilla. The cell line is characterized by a high growth rate and a high degree of tumorigenicity. The cell line is highly sensitive to chemotherapy and is used as a model for studying the pathogenesis and treatment of Burkitt's lymphoma. The cell line is characterized by a high degree of tumorigenicity and is used as a model for studying the pathogenesis and treatment of Burkitt's lymphoma. The cell line is highly sensitive to chemotherapy and is used as a model for studying the pathogenesis and treatment of Burkitt's lymphoma.

Organism Human

Tissue Maxilia

Disease Burkitt's lymphoma

Synonyms RAJI, P1-RAJI, GM04671

RAJI

Age 11 years

Gender Male

Ethnicity European, African

Cell type Lymphocytes

Growth properties High growth rate

RAJI

Citation RAJI (RAJI) Cytion 300359

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0511

RAJI

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Products [Redacted]

[Redacted]

Culture Medium RPMI 1640, w: 2.0 mM [Redacted], w: 2.0 g/L NaHCO3 ([Redacted] Cytion 820700a)

Supplements [Redacted] 10% FBS [Redacted]

Subculturing [Redacted]

Freeze medium [Redacted], [Redacted] ([Redacted] FBS) + 10% DMSO [Redacted]

- Thawing and Culturing Cells**
1. [Redacted]
 2. [Redacted] -150°C [Redacted]
 3. [Redacted] 37 [Redacted]
 4. [Redacted] 70% [Redacted]
 5. [Redacted] 15 [Redacted] 8 [Redacted]
 6. [Redacted] 300 x g [Redacted] 3 [Redacted]
 7. [Redacted] 10 [Redacted] T2 [Redacted]
 8. [Redacted]

Incubation Atmosphere 37°C, 5% CO₂, [Redacted]

Flask Coating [Redacted]

Freezing Procedure [Redacted] -78°C

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Shipping Conditions

Store at -78°C

Storage Conditions

Store at -150 to 196 °C

STR / HLA

Sterility

PCR

STR

- CSF1PO: 10,12
- D13S317: 13
- D16S539: 8,11
- D5S818: 10,13
- D7S820: 10
- 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

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