

HEPES B-LCL-HROC195 | 302043

HEPES B-LCL-HROC195

Description

B-LCL-HROC195 is a B cell line derived from a patient with B-cell lymphoma. It is a cell line that is highly sensitive to EBV infection and is used for the study of B cell biology and the pathogenesis of B cell lymphoma. B-LCL-HROC195 cells are highly proliferative and are able to produce B cell-specific antibodies. B-LCL-HROC195 cells are highly sensitive to EBV infection and are used for the study of B cell biology and the pathogenesis of B cell lymphoma. B-LCL-HROC195 cells are highly proliferative and are able to produce B cell-specific antibodies. B-LCL-HROC195 cells are highly sensitive to EBV infection and are used for the study of B cell biology and the pathogenesis of B cell lymphoma.

Organism Human

Tissue B cell

Disease B-cell lymphoma

Synonyms Bc HROC195

HEPES B-LCL-HROC195

Age 60-70 years

Gender Female

Ethnicity Caucasian

Morphology Lymphoblastoid

Cell type B cell

Growth properties Adherent

HEPES B-LCL-HROC195

Citation B-LCL-HROC195 (HEPES B-LCL-HROC195 Cytion 302043)

Biosafety level 2

NCBI_TaxID 9606

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CellosaurusAccession CVCL_B7FC

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Surface antigens CD19

Viruses EBV

HEp-2

Culture Medium RPMI 1640, w: 2.0 mM CaCl_2 , w: 2.0 g/L NaHCO_3 (Cytion 820700a)

Supplements 10% FBS

Subculturing 1:5

Freeze medium (10% FBS) + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells rapidly in a 37°C water bath.
2. Centrifuge cells at 300 x g for 3 minutes.
3. Resuspend cells in 15 ml of culture medium.
4. Seed cells into a T25 flask at 70% confluency.
5. Incubate cells at 37°C in 5% CO₂.
6. Harvest cells when they reach 70-80% confluency.
7. Seed cells into a T75 flask.
8. Harvest cells when they reach 70-80% confluency.

Incubation Atmosphere 37°C, 5% CO₂

