

HEPES B-LCL-HROC195 | 302043

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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. The cells are highly proliferative and express B cell markers. The cells are highly sensitive to EBV infection and are used for the study of EBV infection and B cell biology.

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Organism Human

Tissue B cell

Disease B-cell lymphoma

Synonyms Bc HROC195

HEPES B-LCL-HROC195

Age 60 years

Gender Female

Ethnicity German

Morphology Lymphoblastoid

Cell type B cell

Growth properties Adherent

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

Biosafety level 2

NCBI_TaxID 9606

HEK293T B-LCL-HROC195 | 302043

CellosaurusAccession CVCL_B7FC

HEK293T B-LCL-HROC195

Surface antigens CD19

Viruses EBV

HEK293T

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 (Cytion 820700a)

Supplements 10% FBS

Subculturing 1:5

Freeze medium RPMI 1640, w: 2.0 mM $\text{CaCl}_2 \cdot 2\text{H}_2\text{O}$, w: 2.0 g/L NaHCO_3 (Cytion 820700a), 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. Resuspend cells in 15 ml of culture medium.
 3. Seed cells into a T25 flask containing 10 ml of culture medium.
 4. Incubate cells at 37°C in 5% CO_2 for 24 hours.
 5. Check cell confluency and passage cells when they reach 70-80% confluency.
 6. Seed cells into a T75 flask containing 25 ml of culture medium.
 7. Incubate cells at 37°C in 5% CO_2 for 24 hours.
 8. Check cell confluency and passage cells when they reach 70-80% confluency.

Incubation Atmosphere 37°C, 5% CO_2

