

Product sheet

B-LCL-HROC50 | 302069

Description	B-LCL-HROC50	B	-	EBV	B	A	T	NK
	B-LCL-HROC50	B	CD19	CD20	CD23	CD80	MHC I	II
	B-LCL-HROC50	IgG	IgM	IgA				

Organism

Tissue

Disease

Synonyms

Bc HROC50

Age

67

Gender

Ethnicity

Morphology

Cell type

B

Growth properties

Citation

B-LCL-HROC50 Cytion 302069

Biosafety level

2

NCBI_TaxID

9606

CellosaurusAccession

CVCL_A7UQ

CD	Antigen	Cell Type
CD19	Surface antigens	B cells

Viruses	EBV
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Culture Medium	RPMI 1640 w 2.0 mM	w 2.0 g/L NaHCO3	Cytion	820700a
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Supplements	10%	FBS
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Subculturing 5×10^5 / 1×10^6

Freeze medium	FBS +10% DMSO	CM-1 Cytion	800100	CM-1 Cytion	800100
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Thawing and Culturing Cells

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graph TD; 1[1. Thaw cells in a 37°C water bath] --> 2[2. Transfer cells to a 15 mL centrifuge tube]; 2 --> 3[3. Centrifuge at 300 x g for 3 minutes]; 3 --> 4[4. Remove supernatant and resuspend cells in 1 mL of medium]; 4 --> 5[5. Seed cells into T25 flasks]; 5 --> 6[6. Incubate at 37°C in 5% CO2]; 6 --> 7[7. Monitor cell growth and passage when needed]; 7 --> 8[8. Repeat the process for subsequent passages];
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1. Thaw cells in a 37°C water bath
2. Transfer cells to a 15 mL centrifuge tube
3. Centrifuge at 300 x g for 3 minutes
4. Remove supernatant and resuspend cells in 1 mL of medium
5. Seed cells into T25 flasks
6. Incubate at 37°C in 5% CO₂
7. Monitor cell growth and passage when needed
8. Repeat the process for subsequent passages

Incubation Atmosphere	37°C, 5% CO ₂
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Flask Coating

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Freezing Procedure -78 °C

Shipping Conditions -78 °C

Storage Conditions -150 -196 -80 °C

Sterility PCR

HLA
A*: '02:01:01, '03:01:01
B*: '07:02:01, '27:01:01
C*: '06:02:01, '07:02:01
DRB1*: '07:01:01, '15:01:01
DQA1*: '01:02:01, '02:01:01
DQB1*: '03:03:02, '06:02:01
DPB1*: '04:01:01
E: '01:01:01, '01:03:02