

B-LCL-CDG4 | 302015

Description	B-LCL-CDG4	EBV	B	CDAI1	CDAI1	CDG	CDAI1	COPI1	SEC23B
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Organism

Tissue

Disease

Applications	CDG	B	HLA-
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Age

Gender

Ethnicity

Morphology

Cell type	B
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Growth properties

Citation	B-LCL-CDG4 Cytion 302015
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Biosafety level	2
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_A9Y2
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Surface antigens	CD15 Lewis x + CD15s	Lewis x - CD75s	+ CD173	H - CD174	Lewis y - CD175	Tn - CD175s
Antigen expression	CD19+ CD20+ CD37+ CD43+ CD44+ CD45+ CD45R0- MHC Cl.I+ MHC Class II (HLA-DR)+					
Viruses	EBV					
Culture Medium	RPMI 1640 w 2.0 mM	w 2.0 g/L NaHCO3	Cytion	820700a		
Supplements	10% FBS					
Subculturing	5×10^5	/	2×10^5	/	3×10^5	
Fluid renewal						
Post-Thaw Recovery						
Freeze medium	FBS +10% DMSO	CM-1	Cytion	800100	CM-1	Cytion 800100

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Thawing and Culturing Cells				
1.				
2.		-150°C		3
3.		37°C	40-60	
4.			70%	
5.		8	15	
6.	300 x g	3		
7.	10		T25	T25
8.				

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Freezing Procedure -78 °C

Shipping Conditions -78 °C

Storage Conditions -150 -196 -80 °C

/ /HLA

Sterility PCR

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HLA

A*: '01:01:01, '24:02:01

B*: '08:01:01, '18:01:01

C*: '07:01:01, '12:03:01

DRB1*: '03:01:01, '15:01:01

DQA1*: '01:02:01, '05:01:01

DQB1*: '02:01:01, '06:02:01

DPB1*: '03:01:01, '04:02:01

E: '01:01, '01:03