

PLH | 302137

General information

Description	PLH is a B cell line derived from a patient with EBV, cytochrome P-450C21, 21-hydroxylase deficiency, and DNA damage. PLH is a B cell line derived from a patient with 4AOWH, cytochrome P-450C21, 21-hydroxylase deficiency, and DNA damage.
Organism	Human
Tissue	B cell
Disease	21-hydroxylase deficiency
Metastatic site	None

Characteristics

Age	18 years
Gender	Female
Ethnicity	German, Caucasian
Morphology	Epithelial
Cell type	B
Growth properties	Adherent

Genetic information

Citation	PLH (Cytion 302137)
NCBI_TaxID	9606
CellosaurusAccession	CVCL_E810

Genetic information

EBV PLH | 302137

Viruses

Epstein-Barr virus (EBV)

Cell lines

Culture Medium

RPMI 1640, w: 2.0 mM NaCl , 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 water bath at 37°C.
2. Transfer cells to a tube and centrifuge at 300 x g for 5 minutes.
3. Remove supernatant and resuspend cells in 10% FBS medium.
4. Seed cells into a T25 flask.
5. Incubate cells at 37°C in 5% CO_2 .
6. Monitor cell growth and passage cells when they reach 70-80% confluency.
7. Harvest cells by trypsinization.
8. Count cells and seed into new flasks.

Incubation Atmosphere

37°C, 5% CO_2

Flask Coating

Not required

Freezing Procedure

Freeze cells in 10% FBS + 10% DMSO medium.

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Shipping
Conditions

Shipping conditions: The product is shipped in a temperature-controlled container at -78°C .

Storage
Conditions

Storage conditions: The product is stored at -150 to -196°C in a temperature-controlled container.

Product is sterile and ready for use.

Sterility

The product is sterile and ready for use. It is suitable for PCR and other applications. The product is packaged in a sterile container and is ready for use.