

Product sheet

WT100 | 302139

WT100

Description WT100 is a B cell line derived from a patient with chronic lymphocytic leukemia (CLL). It is a clonal population of B cells that express surface immunoglobulin heavy chain (IgH) and light chain (IgL) genes. The cells are immortalized and grow in the presence of Epstein-Barr virus (EBV) and interleukin-4 (IL-4).

Organism Human

Tissue B cell

Synonyms WT-100, GM08602, LCL (DR1)

Characteristics

Age 60 years

Gender Male

Growth properties EBV dependent, IL-4 dependent

References

Citation WT100 (ATCC CCL-263) Cytion 302139

Biosafety level 2

NCBI_TaxID 9606

CellosaurusAccession CVCL_E919

Associated pathogens

Viruses EBV

Media

Culture Medium RPMI 1640, w: 2.0 mM L-glutamine, w: 2.0 g/L NaHCO3 (Cytion 820700a)

Supplements 10% FBS

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Subculturing
 5

Freeze medium
 (FBS) + 10% DMSO

- Thawing and Culturing Cells**
1.
 2.
 -150°C
 3.
 37
 4.
 70%
 5.
 15" 8"
 6.
 -300 x g 3
 7.
 -10" T2
 8.

Incubation Atmosphere
 37°C, 5% CO₂

Flask Coating

Freezing Procedure
 -78°C

Shipping Conditions
 -78°C

Storage Conditions
 -150 196

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Sterility

PCR

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