

Product sheet

CESS | 300262

Product Information

Description
CESS is a cell line derived from a patient with B-cell acute lymphoblastic leukemia (ALL). It is a human B-cell line that is highly sensitive to chemotherapy. CESS is a cell line that is highly sensitive to chemotherapy. It is a human B-cell line that is highly sensitive to chemotherapy. It is a human B-cell line that is highly sensitive to chemotherapy.

Organism Human

Tissue Bone marrow

Disease B-cell acute lymphoblastic leukemia

Applications Cell culture, drug screening, research

Synonyms Cess

Characteristics

Gender Male

Ethnicity Caucasian

Morphology Lymphoblastoid

Growth properties Adherent

References

Citation CESS (ATCC CCL-262) | Cytion 300262

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0209

Ordering Information

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Viruses EBV

Products IL-2 TRF (T)

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

Supplements 10% FBS

Subculturing 1-PBS T25, 3-5 ' PBS, 3 . ,

Seeding density 1 " /

Fluid renewal 2 3

Post-Thaw Recovery 48

Freeze medium (FBS) + 10% DMSO

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**Thawing and
Culturing Cells**

1. **Thawing:** Thaw the vial rapidly in a 37°C water bath. Transfer the cells to a pre-warmed tube and centrifuge at 300 x g for 3 minutes. Resuspend the cells in 10 ml of pre-warmed medium.
2. **Seeding:** Seed the cells into a 150 cm² flask containing 150 ml of pre-warmed medium. The seeding density should be approximately 1.5 x 10⁶ cells per flask.
3. **Medium Change:** After 24 hours, replace the medium with fresh pre-warmed medium to remove any dead cells.
4. **Confluency:** Monitor the cells until they reach approximately 70% confluency.
5. **Passaging:** Once cells reach 70% confluency, they can be passaged into a new flask.
6. **Medium Change:** Change the medium every 3-4 days to maintain optimal growth conditions.
7. **Subculture:** Cells can be subcultured into a 10 ml flask when they reach 70-80% confluency.
8. **Storage:** Cells can be stored in liquid nitrogen for long-term preservation.

Incubation Atmosphere 37°C, 5% CO₂, humidified air

Flask Coating None

Freezing Procedure Harvest cells into a 15 ml tube, add 1 ml of freezing medium, and freeze at -80°C.

Shipping Conditions Cells should be shipped in a dry ice container at -80°C.

Storage Conditions Cells can be stored in liquid nitrogen at -150°C for up to 196 days.

Genotype / HLA

Sterility Cells are free of mycoplasmas and PCR detectable viruses.