

ES-2 | 305038

Cell Line

Description	ES-2 is a human embryonic stem cell line derived from a 47-year-old female. It is a pluripotent stem cell line that can differentiate into all three germ layers (ectoderm, mesoderm, and endoderm). ES-2 cells are characterized by their ability to form teratomas in immunodeficient mice, which is a hallmark of pluripotency. The cells are maintained in a defined medium containing growth factors and are typically grown in the presence of feeder cells.
Organism	Human
Tissue	Embryonic
Disease	Not applicable
Synonyms	ES2

Characteristics

Age	47 years
Gender	Female
Ethnicity	Not specified
Morphology	Epithelial
Growth properties	Adherent

References

Citation	ES-2 (Cytion 305038)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_3509

Additional Information

Product sheet

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Protein expression

Tumorigenic

Culture Medium

Supplements

Dissociation Reagent

Subculturing

Fluid renewal

Freeze medium

Thawing and Culturing Cells

1. ...
2. ...
3. ...
4. ...
5. ...
6. ...
7. ...
8. ...

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Incubation
Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

Flask coating is not required, but recommended

Freezing
Procedure

Freeze cells in freezing medium and store at -78°C

Shipping
Conditions

Shipped in dry ice at -78°C

Storage
Conditions

Store at -150 to -196 °C for up to 1 year

HLA

Sterility

PCR and other applications are possible. The cells are not certified for clinical use. The cells are not certified for clinical use. The cells are not certified for clinical use.