

HT22 | 305158

Description

HT22 is a cell line derived from HT4 cells. It is a highly proliferative, immortalized cell line that is widely used in research. HT22 cells are known for their ability to differentiate into various cell types, including neurons and glial cells. This makes them a valuable tool for studying neurodegenerative diseases and cellular differentiation. HT22 cells are typically maintained in DMEM medium supplemented with 4.5% fetal bovine serum (FBS) and 4% penicillin-streptomycin. They are characterized by their high growth rate and ability to form dense cell cultures.

Organism *Homo sapiens*

Tissue Brain

Synonyms HT-22

Morphology Epithelial

Growth properties Adherent

Citation HT22 (ATCC CRL-2522) (305158)

Biosafety level 1

NCBI_TaxID 10090

CellosaurusAccession CVCL_0321

GMO Status GMO-S1: HT22 (ATCC CRL-2522) (HT22) (ATCC CRL-2522)

Culture Medium DMEM 4.5% FBS, 4% Pen-St, 3.7% NaHCO3, 1.0% Insulin-TGF- β (100 ng/ml)

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Supplements 10% FBS

Dissociation Reagent

Subculturing

Freeze medium 50% + 40% + 10% DMSO CM-1

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

Incubation Atmosphere 37 ...

Flask Coating

Freezing Procedure ... -78

Shipping Conditions ... -78

