

H22 | 305163

Description
 H22 is a mouse cell line derived from a 305163 mouse. It is a fibroblast cell line that is used for various research purposes.
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Organism
 Mouse

Tissue
 Fibroblast

Disease
 None

Synonyms
 H22, 305163, H22, 305163, H22, 305163

Breed/Subspecies
 C3HA

Morphology
 Fibroblast

Growth properties
 Adherent

Citation
 H22 (305163) (305163)

Biosafety level
 1

NCBI_TaxID
 10090

CellosaurusAccession
 CVCL_H613

H22 | 305163

Culture Medium RPMI 1640 (2.0 mM Glucose, 2.0 mM NaHCO₃ (820700a))

Supplements 10% FBS

Subculturing 1:5

Fluid renewal 2-3 times

Freeze medium (10% FBS) + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells rapidly in a 37°C water bath.
 2. Centrifuge cells at 300 × g for 3 minutes.
 3. Wash cells three times with PBS.
 4. Resuspend cells in 70% FBS.
 5. Seed cells into a 15 cm² flask with 8 × 10⁶ cells.
 6. Seed cells into a 300 × cm² flask with 3 × 10⁷ cells.
 7. Seed cells into a 10 cm² flask with 1 × 10⁶ cells.
 8. Seed cells into a 25 cm² flask with 2 × 10⁶ cells.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating Adherent cells

Freezing Procedure 10% FBS, 10% DMSO

