

| 305004

Description Canis familiaris.

Organism

Tissue

Synonyms

Breed/Subspecies

Age

Gender

Morphology

Growth properties

Citation

Biosafety level 1

NCBI_TaxID 9615

CellosaurusAccession CVCL_6453

Culture Medium DMEM: DMEM:Ham's F12 (1:1) 3.1 / 2.5 15 (15)

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Supplements 10% FBS

Dissociation Reagent

Subculturing PBS

Seeding density 1 x 10⁴ cells

Fluid renewal 2 x 3

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 x g for 3 minutes.
3. Resuspend cells in 10 ml of pre-warmed medium.
4. Seed cells into a T75 flask at a density of 70%.
5. Incubate cells at 37°C in 5% CO₂ for 8-15 days.
6. Harvest cells at 300 x g for 3 minutes.
7. Resuspend cells in 10 ml of medium.
8. Seed cells into a T75 flask at a density of 70%.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Freezing Procedure -78°C

