

| 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

10x FBS 0.05% penicillin streptomycin

Dissociation Reagent

Trypsin

Subculturing

Cells are seeded into fresh wells with 100% PBS

Fluid renewal

2-3 times per week

Freeze medium

Freezing medium (10x FBS) + 10% DMSO

Thawing and Culturing Cells

1. Thaw cells in a 37°C water bath
2. Add 100% PBS to the well
3. Incubate cells for 37 minutes
4. Add 70% fresh medium
5. Incubate cells for 15 minutes
6. Seed cells into 300 x 3 mm wells
7. Incubate cells for 10 days
8. Harvest cells

Incubation Atmosphere

37°C, 5% CO2

Flask Coating

Flasks are coated with poly-D-lysine

Freezing Procedure

Cells are frozen at -80°C

