

P19 | 400416

Description P19 (pluripotent embryonal carcinoma)
P19 (Mus musculus), P19S18P19D3, P19RAC65 P19C16
P19

Organism Mus musculus

Tissue Embryonic stem cells

Disease None

Synonyms P19

Breed/Subspecies C3H/He

Gender Male

Morphology Embryonic stem cells

Growth properties Adherent

Citation P19 (Cytion 400416)

Biosafety level 1

NCBI_TaxID 10090

CellosaurusAccession CVCL_2153

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Karyotype N = 40, xY

Culture Medium DMEM:Ham's F12 (1:1), w: 3.1 g/l Glucose, w: 2.5 g/l L-Glutamine, w: 15 mg/l HEPES, w: 0.5 mg/l Insulin, w: 0.5 mg/l Transferrin, w: 0.5 mg/l Selenium

Supplements FBS 10%

Dissociation Reagent Trypsin

Subculturing PBS (3-5 days)

Seeding density 48 cells/cm²

Fluid renewal 2 days

Freeze medium DMEM:Ham's F12 (1:1) (FBS) + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cryovial in 37°C water bath
 2. Add 1 ml cryovial into 15 ml cryovial -150 °C
 3. Incubate at 37°C
 4. Add 70% DMEM:Ham's F12 (1:1) + 10% FBS
 5. Incubate 15 days
 6. 300 x g 3 min
 7. 10 min
 8. 10 min

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Incubation Atmosphere 37°C, 5% CO₂, [REDACTED]

Flask Coating [REDACTED]

Freezing Procedure [REDACTED]

Shipping Conditions [REDACTED]

Storage Conditions [REDACTED] -150 [REDACTED] -196 °C [REDACTED]

/ / HLA

Sterility [REDACTED] PCR [REDACTED]
[REDACTED] [REDACTED] [REDACTED]