

EGG | 400171

EGG

Description	EGG is a cell line derived from the embryonic kidney of DBA (Mus musculus). It is a continuous cell line that can be grown in the presence of insulin, transferrin, and selenium (ITS) medium. EGG is a cell line that is used for the study of cell growth and differentiation.
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Organism	Mouse
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Tissue	Kidney
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Disease	None
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Characteristics

Breed/Subspecies	DBA
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Age	Adult
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Gender	Male
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Morphology	Epithelial
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Growth properties	Adherent
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References

Citation	EGG (Cytion 400171)
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Biosafety level	1
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NCBI_TaxID	10090
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CellosaurusAccession	CVCL_5739
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EGG-DBA

Tumorigenic	Yes, DBA
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Viruses

MAP, , , K, , Reo 3, PVM, LCM, M.pulmonis, MVM, GD VII , H-1

Culture Medium

RPMI 1640, w: 2.0 mM , w: 2.0 g/L NaHCO₃ (Cytion 820700a)

Supplements

10% FBS

Subculturing

5-6

Seeding density

0.1 x 10⁶ /"

Fluid renewal

3 5

Post-Thaw Recovery

, 24

Freeze medium

(FBS) + 10% DMSO

Thawing and Culturing Cells

1. ,
2. , -150°C
3. , 37
4. , 70%
5. 15 " 8 "
6. -300 x g 3
7. -10 " 10 "
8. -

Product sheet

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Incubation
Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

Non-adherent

Freezing
Procedure

Cells are seeded into 25 cm² flasks and grown to confluence. Cells are then trypsinized and resuspended in 10 ml of freezing medium (DMEM supplemented with 10% FBS and 10% DMSO). The cells are then frozen in a controlled rate freezer and stored at -78°C.

Shipping
Conditions

Cells are shipped in a dry ice container and stored at -78°C.

Storage
Conditions

Cells are stored in liquid nitrogen at -150 to -196 °C for up to 1 year.

Cells are grown in DMEM supplemented with 10% FBS and 10% DMSO.

Sterility

Cells are grown in DMEM supplemented with 10% FBS and 10% DMSO. PCR products are purified using a PCR purification kit.

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