

OK | 606465

OK

Description	OK is a cell line derived from the embryonic kidney of the opossum (<i>Didelphis virginiana</i>). It is a continuous cell line that grows in the presence of insulin, transferrin, and selenium (ITS). OK cells are used for the study of cell growth, differentiation, and gene expression. OK cells are also used for the study of the effects of various drugs and chemicals on cell growth and differentiation.
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Organism	OK
Tissue	Embryonic kidney, fetal kidney, embryonic kidney
Synonyms	OK-WT, OK-WT

OK

Age	OK
Gender	OK
Morphology	OK
Growth properties	OK, OK

OK

Citation	OK (OK Cytion 606465)
Biosafety level	1
NCBI_TaxID	9267
CellosaurusAccession	CVCL_0472

OK-OK

Receptors expressed	OK-2-OK, OK, OK, OK, OK
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Product sheet

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Culture Medium	EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO ₃ , w: EBSS (Cytion 820100a)
Supplements	10% FBS 1% NEAA
Dissociation Reagent	
Subculturing	Cells are harvested by trypsinization with trypsin-EDTA solution. Cells are washed with PBS and resuspended in T25, 3-5 ml PBS, 3 ml. Cells are then seeded into new flasks, and the medium is replaced with fresh medium.
Split ratio	Cells are split at a ratio of 1:4 to 1:8
Fluid renewal	2 to 3 times per week
Freeze medium	Cells are harvested by trypsinization with trypsin-EDTA solution (FBS) + 10% DMSO and resuspended in freezing medium.
Thawing and Culturing Cells	- Cells are thawed in a water bath at 37°C and then seeded into a new flask. - Cells are washed with PBS and resuspended in T25, 3-5 ml PBS, 3 ml. - Cells are then seeded into new flasks, and the medium is replaced with fresh medium. - Cells are split at a ratio of 1:4 to 1:8. - Cells are harvested by trypsinization with trypsin-EDTA solution and resuspended in T25, 3-5 ml PBS, 3 ml. - Cells are then seeded into new flasks, and the medium is replaced with fresh medium. - Cells are split at a ratio of 1:4 to 1:8. - Cells are harvested by trypsinization with trypsin-EDTA solution and resuspended in T25, 3-5 ml PBS, 3 ml.
Incubation Atmosphere	37°C, 5% CO ₂ , humidified

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Flask Coating

Freezing
Procedure

-78°C

Shipping
Conditions

-78°C

Storage
Conditions

-150 °C

Sterility