

Product sheet

NRK-49F | 500427

Product Information

Description	NRK-49F (NRK-52E) is a rat kidney epithelial cell line derived from a normal rat kidney. It is a non-adherent, non-toxic, and non-tumorigenic cell line. It is used for the study of renal cell carcinoma and for the production of monoclonal antibodies.
Organism	Rattus norvegicus
Tissue	Kidney
Synonyms	NRK 49F, NRK49F, NRK49F, NRK clone 49F, NRK clone 49F, Normal Rat Kidney-49F

Characteristics

Breed/Subspecies	Wistar-Kyoto
Morphology	Epithelial cells, non-adherent
Cell type	Epithelial
Growth properties	Adherent

Documentation

Citation	NRK-49F (ATCC CRL-1587) (500427)
Biosafety level	1
NCBI_TaxID	10116
CellosaurusAccession	CVCL_2144

Receptors and Markers

Receptors expressed	EGFR (EGF), MSA
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Culture Conditions

Culture Medium	EMEM (MEM Eagle) 2x, 2.2% NaHCO3, EBSS (820100a)
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Freezing Procedure

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Shipping Conditions

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Storage Conditions

... -150 °C -196 °C ...

HLA

Sterility

... (PCR) ...

- STR: Rat_D1Wox31: 96,1
- Rat_D2Wox37: 150,156
- Rat_D19Wox11: 220
- Rat_D10Wox8: 266,27
- Rat_D4Wox7: 153,157,161
- Rat_D2Wox27: 211,215
- Rat_D5Rat33: 122,138
- Rat_D10Wox11: 156
- Rat_D1Wox23: 210,214
- Rat_D12Wox1: 402,406
- Rat_D6Wox2: 104,124
- Rat_D8Wox7: 185
- Rat_D6Cebr1: 223,233
- SRY: x,Y