

DF-1 | 305016

General information

Description	DF-1 is a rat mammary epithelial cell line derived from a rat of the East Lansing Line (ELL-0). It is a highly proliferative, non-tumorigenic cell line that can be grown in primary culture or as a monolayer. It is characterized by its ability to form mammary gland-like structures in vivo.
Organism	Rat
Tissue	Mammary gland
Synonyms	DF1, UMNSAH-DF-1, UMNSAH-DF 1, UMNSAH-DF1, UMNSAH/DF1, UMNSAH/DF#1, UMNSAH/DF-1, UMNSAH/DF1, UMNSAH/DF-1

Characteristics

Age	10 weeks old
Morphology	Epithelial
Growth properties	Adherent

Identification and safety

Citation	DF-1 (Cytion 305016)
Biosafety level	1
NCBI_TaxID	9031
CellosaurusAccession	CVCL_0570

Genetic information

Tumorigenic	No
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Culture

Culture Medium	DMEM, w: 4.5 g/L D-glucose, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO ₃ , w: 1.0 mM sodium pyruvate (Cytion 820300a)
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Product sheet

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Storage
Conditions

Store at -150 °C to -196 °C. Do not freeze. Do not thaw. Do not use after expiration date.

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Sterility

The product is sterile and ready for use in PCR.

Do not use after expiration date. Do not use if the package is damaged.