

Product sheet

FRhK-4 | 305151

FRhK-4

Description FRhK-4 is a cell line derived from the adrenal gland of a male rhesus monkey (*Macaca mulatta*). It is a continuous cell line that grows in suspension culture. The cells are maintained in DMEM supplemented with 10% fetal bovine serum (FBS) and 10% serum-free medium (SM) containing insulin, transferrin, and selenium (ITS) and hydrocortisone (40 ng/ml). The cells are used for the production of antibodies and for the study of the effects of various drugs on the immune system.

Organism *Macaca mulatta*

Tissue Adrenal gland

Synonyms FRHK-4, Frhk-4, FRhk-4, FRhK4, FRhK4, FRhK4 4

FRhK-4

Age 10-15 years

Gender Male

Morphology Adherent

Growth properties Continuous

FRhK-4

Citation FRhK-4 (ATCC CRL-1585) (ATCC 305151)

Biosafety level 1

NCBI_TaxID 9544

CellosaurusAccession CVCL_4522

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Culture Medium DMEM 4.5 g/l, 4 g/l, 3.7 g/l, NaHCO₃ 1.0 g/l (82)

Supplements 10% FBS

Dissociation Reagent

Subculturing PBS

Fluid renewal 2-3

Freeze medium FBS + 10% DMSO

- Thawing and Culturing Cells**
1. ...
 2. ... -150 ...
 3. ... 37 ...
 4. ... 70% ...
 5. ... 15 ... 8 ...
 6. ... 300 × ... 3 ...
 7. ... 10 ...
 8. ...

Incubation Atmosphere 37

Flask Coating

Freezing Procedure -78

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Shipping Conditions [redacted] -78

Storage Conditions [redacted] -150 -196

[redacted] / [redacted] / HLA

Sterility [redacted] (PCR) [redacted]
[redacted]