

RF/6A | 305150

RF/6A

Description	Normal retinal choroidal endothelium (fetal; non-tumorigenic)
Organism	Macaca mulatta
Tissue	Retinal choroid, Retinal endothelium
Disease	Normal retinal choroidal endothelium (fetal; non-tumorigenic)
Metastatic site	Not applicable (normal fetal retinal choroidal endothelial cell line)
Applications	Ocular angiogenesis research; retinal and choroidal vascularization; anti-VEGF therapy evaluation (bevacizumab, ranibizumab); AMD and diabetic retinopathy modeling; tube formation assays; vascular permeability; NHP primate retinal endothelial model

RF/6A

Age	1-3 weeks
Gender	Sex unspecified
Ethnicity	Not applicable (non-human primate cell line; Macaca mulatta)
Morphology	Endothelial cells
Cell type	Endothelial cells
Growth properties	Adherent

RF/6A

Citation	RF/6A (Cytion 305150)
Biosafety level	1
NCBI_TaxID	9544
CellosaurusAccession	CVCL_4552

RF/6A | 305150

Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed cell culture flask.
2. Add 10 mL of pre-warmed cell culture medium to the flask. Incubate the cells at 37°C in 5% CO₂ for 24 hours to allow the cells to attach.
3. After 24 hours, check for cell attachment. If cells are not attached, repeat the thawing and culturing process.
4. Once cells are attached, replace the medium with fresh pre-warmed cell culture medium. Remove 70% of the medium.
5. Add 15 mL of pre-warmed cell culture medium to the flask. Incubate the cells at 37°C in 5% CO₂ for 24 hours.
6. After 24 hours, check for cell attachment. If cells are not attached, repeat the thawing and culturing process.
7. Once cells are attached, replace the medium with fresh pre-warmed cell culture medium. Remove 10% of the medium.
8. Add 10 mL of pre-warmed cell culture medium to the flask. Incubate the cells at 37°C in 5% CO₂ for 24 hours.

Incubation Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

Yes

Freezing Procedure

Resuspend cells in 1 mL of freezing medium. Transfer to a cryovial and freeze at -80°C.

Shipping Conditions

Store at -80°C. Ship on dry ice.

Storage Conditions

Store at -150°C for up to 196 weeks.

HLA

Sterility

PCR negative. Sterility testing performed. No contamination detected.