

Product sheet

HEC-1-A | 305077

HEC-1-A

Description

HEC-1-A is a human endometrial epithelial cell line. It is derived from a 71-year-old woman with endometrial adenocarcinoma. The cells are characterized by their ability to form organoids in vitro and their high tumorigenicity in vivo. HEC-1-A cells are widely used in research on endometrial cancer and as a model for studying the biology of the endometrium.

Organism Human

Tissue Endometrium

Disease Endometrial adenocarcinoma

Synonyms HEC-1-A, HEC-1A, HEC1-A, HEC1A, HEC1A, HEC1A

HEC-1-A

Age 71

Gender Female

Ethnicity Caucasian

Morphology Epithelial

Growth properties Adherent

HEC-1-A

Citation HEC-1-A (ATCC CRL-1074) | 305077

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0293

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Receptors expressed	HER2, EGFR, PDGFR, IGF1R, VEGFR, EphA2, EphA2 (PAF)
Protein expression	C-Fos
Antigen expression	B α Rh
Tumorigenic	Yes

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Culture Medium	DMEM 5% FBS / 3.0 g/l NaHCO ₃ (HEPES) 2.0 mM Glutamine 2.2 mM NaHCO ₃ (HEPES)
Supplements	10% FBS
Dissociation Reagent	Trypsin
Subculturing	1:2 to 1:3 in DMEM 5% FBS
Fluid renewal	2 to 3 times per week
Freeze medium	DMEM 10% FBS + 10% DMSO

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Thawing and Culturing Cells

1. [Redacted]
2. [Redacted]
3. [Redacted]
4. [Redacted]
5. [Redacted]
6. [Redacted]
7. [Redacted]
8. [Redacted]

Incubation Atmosphere 37 [Redacted]

Flask Coating [Redacted]

Freezing Procedure [Redacted]

Shipping Conditions [Redacted]

Storage Conditions [Redacted]

[Redacted] / [Redacted] / HLA

Sterility [Redacted]