



Evercyte

Products and Services

Just the perfect choice!

Cells and Services for *in vitro* tests and biopharmaceutical production

Evercyte is the leading provider of primary like human cell lines. Our cells and services are designed to fit the increasing need for relevant human *in vitro* cell model systems and novel production hosts.

Cells and services for *in vitro* test systems

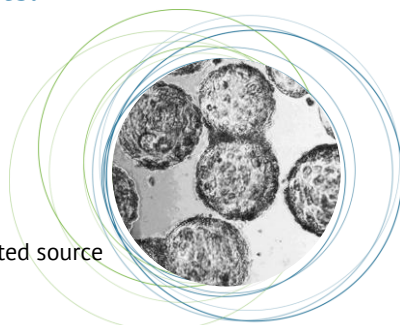
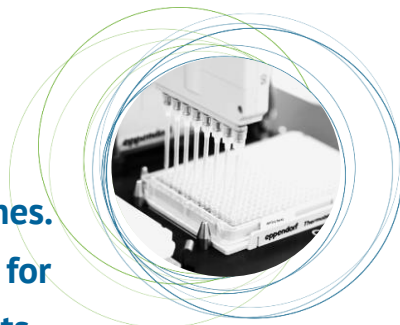
In order to meet the growing demand on relevant and standardizable *in vitro* cell cultures and bioassays, Evercyte has focused on the establishment of:

- Human continuously growing cell lines that show a differentiated phenotype
- Human induced pluripotent stem cells from urine-derived cells, isolated non-invasively from an unlimited source
- *In vitro* bioassays using hTERT immortalized cell lines that represent the *in vivo* situation
- Customer-tailored cell lines and bioassays that fit your purpose

Cells and services for production

The growing interest in novel cell lines for production of biopharmaceuticals and the development of new therapies has led to the generation of cell lines that:

- Qualify for production of recombinant proteins showing complex post-translational modifications
- Are ideal hosts for growth of certain viruses and subsequent vaccine production
- Secrete extracellular vesicles that provide the basis for the development of new therapies



Tissue	Cell Line / description
Adipose Tissue	ASC/TERT1 or ASC/TERT1-B Adipose deriv. mesenchymal stem cells (hTERT) CHS-001-0005 / CHS-001-0005-B ASC/TERT1 -B – <i>serum free cultivation!</i>
Colon	HCEC1-CT Colon epithelial cells (hTERT) CKHT-039-0229
Cornea	hTCEpi Corneal epithelial cells (hTERT) CHT-045-237
Kidney	RPTEC/TERT1 Renal proximal tubular epithelial cells (hTERT) CHT-003-0002
Kidney	PODO/TERT256 Podocytes/visceral epithelial cells (hTERT) CHT-033-0256 <i>Podocytes from different donors available as well</i>
Kidney	RS Renal proximal tubular epithelial cells (SV40 ER) CLT-003-0014
Lung	HBEC3-KT Bronchial epithelial cells (hTERT/CDK-4) CKHT-004-0230
Mammary gland	HME-1 Mammary epithelial cells (hTERT) CHT-044-0236

Tissue	Cell Line / description
Muscle	LHCN-M2 Myogenic cells (hTERT/CDK-4) CkHT-040-0231-2
Skin	fHDF/TERT166 Foreskin fibroblasts (hTERT) CHT-031-0166
Skin	HDF/TERT164 – <i>available soon!</i> Skin dermal fibroblasts (hTERT) CHT-008-0164
Skin	HDMVEC/TERT164-B – <i>available soon!</i> Dermal microvascular endothelial cells (hTERT) CHT-013-0164-B
Skin	NHEK/SVTERT3-5 Skin keratinocytes (hTERT/SV40 ER) CLHT-011-0026
Thymus	hTEC/SVTERT24 Thymic epithelial cells (hTERT/SV40 ER) CLHT-010-0024-B
Umbilical cord	HUVEC/TERT2 Umbilical vein endothelial cells (hTERT) CHT-006-0008 HUVEC/TERT66 – <i>serum free cultivation!</i> Umbilical vein endothelial cells (hTERT) CHT-006-0066
Also available	<i>Cell panels (cells from different donors/tissues) Isogenic cell lines as tumor models (selected) Customer-tailored cell line development</i>

At Evercyte, we provide unparalleled product quality and technical support for your projects

Evercyte is committed to follow the principles of Good Cell Culture Practice (GCCP)

- Cell lines are established following ethical standards
- Cell lines are subjected to quality control (sterility, virus-testing, STR-profiling, longevity)
- Cell lines are characterized for stable expression of cell types specific markers and functions

Evercyte offers appropriate cell culture media / additives for standardized in vitro growth

- Ready to use cell culture media, basal media and supplements
- Low priced recombinant growth factor VEGF165 and cytokines with high biological activity and outstanding stability!

Evercyte provides cell lines allow the establishment of relevant and standardizable bioassays

- Protocols for bioassays based on Evercyte cells (examples see below)
- Establishment of customer-tailored bioassay on Evercyte cells or any other cell lines
- Services for testing your substances using Evercyte cells and bioassays

Assays	Description
Angiogenesis	HUVEC/TERT2 , HUVEC/TERT66 2D proliferation assay for testing the pro- and anti-angiogenic capacity of novel substances 3D spheroid culture for analysis of sprout formation upon treatment with pro- and anti-angiogenic substances
Cytokine targeting	fHDF/TERT166 Assay for testing the inhibition of Il17a induced IL6 secretion
Fibrosis	fHDF/TERT166 Assay for testing substances targeting TGFβ as essential mediator of fibrosis
Substance activity	RPTEC/TERT1, ASC/TERT1 Assay for testing the biological activity of PTH using RPTEC/TERT1 cells Assay for testing the biological activity of PTH using osteoblasts differentiated from ASC/TERT1 cells
Nephrotoxicity	RPTEC/TERT1 Testing of nephrotoxicity of novel drugs by lactate secretion Testing AON-induced kidney injury by EGF secretion

Evercyte products and services find broad application in biotechnology and biomedicine

Basic research and R&D projects	Predictive in vitro toxicology
Reproduction of scientific data	Quality control testings / batch release
Drug screening programs / lead identification	Production of novel and complex therapeutics

Human cell models fitting your purpose!



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