

Primary Cells Transfected with Cellaxess®

Cell name:	ATII*
Cell origin & type:	Lung, epithelial
Performed by:	Customer
Transfection efficiency (%):	Not Quantified
Viability (%):	Not Quantified
Cellaxess System:	Cellaxess®CX3

Cell name:	Keratinocyte**
Cell origin & type:	Human, skin
Performed by:	Customer
Transfection efficiency (%):	~50 (plasmid)
Viability (%):	~80
Cellaxess System:	Cellaxess®CX3

Cell name:	Dorsalroot ganglion, DRG***
Cell origin & type:	Rat (E15), neuronal ganglia
Performed by:	Customer
Transfection efficiency (%):	25-35 (plasmid)
Viability (%):	60-80
Cellaxess System:	Cellaxess®CX3

Cell name:	Endothelial cells***
Cell origin & type:	Human, vein, endothelial
Performed by:	In-house
Transfection efficiency (%):	~60 (plasmid)
Viability (%):	~90
Cellaxess System:	Cellaxess®CX3

Cell name:	Hippocampal Neurons**
Cell origin & type:	Mouse (E16-E18), hippocampal, neuronal
Performed by:	Customer
Transfection efficiency (%):	Not Quantified
Viability (%):	Not Quantified
Cellaxess System:	Cellaxess®CX1

Cell name:	Hippocampal neurons, frozen***
Cell origin & type:	Rat (E18-E19), hippocampal, neuron (Lonza, R-Hi 501)
Performed by:	In-house
Transfection efficiency (%):	35 (plasmid)
Viability (%):	In Development
Cellaxess System:	Cellaxess®CX1, Cellaxess®CX3

Cell name:	HMEC*
Cell origin & type:	Human, mammary, epithelial
Performed by:	Customer
Transfection efficiency (%):	25-40 (plasmid)
Viability (%):	~80
Cellaxess System:	Cellaxess®CX3

Cell name:	HUVEC*
Cell origin & type:	Human, umbelical vein, endothelial
Performed by:	Customer
Transfection efficiency (%):	Not Quantified
Viability (%):	Not Quantified
Cellaxess System:	Cellaxess®CX3

Cell name:	Monocytes*
Cell origin & type:	Human, blood
Performed by:	Customer
Transfection efficiency (%):	Not Quantified
Viability (%):	60-80
Cellaxess System:	Cellaxess®CX3

Cell name:	Striatal neurons**
Cell origin & type:	Mouse (E16-E18), striatum, neuronal
Performed by:	Customer
Transfection efficiency (%):	Not Quantified
Viability (%):	Not Quantified
Cellaxess System:	Cellaxess®CX1

Cell name:	Superior cervical ganglion, SCG***
Cell origin & type:	Rat (P1-P2), neuronal ganglia
Performed by:	Customer
Transfection efficiency (%):	~40 (plasmid)
Viability (%):	~80
Cellaxess System:	Cellaxess®CX1

***** APPLICATION NOTE**

Application notes cover an area of specific scientific interest. A series of successful transfections has been carried out in the specific cell type(s) at Cellectricon or at a customer site. The transfection efficiency and viability have been quantified by Cellectricon or by the customer. Cellectricon has validated the quality of the experiments.

**** VALIDATED APPLICATION**

A successful transfection has been carried out more than one time in the specific cell type at Cellectricon or at a customer site. The transfection efficiency and viability have been quantified by Cellectricon or by the customer. Cellectricon has validated the quality of the experiments.

*** APPLICATION**

A successful transfection has been carried out more than one time in the specific cell type at Cellectricon or at a customer site. Where specified, the transfection efficiency and viability have been estimated.

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