



Essential Neural Cell Lines

To support research in multiple areas of neurobiology, ATCC® offers numerous cell lines representing normal and diseased tissues of the central nervous system.

TABLE 1. Astrocytes

ATCC® No.	Name	Species	Source	Cell Type
CRL-2032	PG-4 (S+L-)	Cat	Brain	Astrocyte
CRL-2033	G355-5	Cat	Brain	Astrocyte
CRL-8621	SVG p12	Human	Brain	Astroglia
CRL-2534	C8-D30	Mouse	Brain/cerebellum	Astrocyte, type III clone
CRL-2535	C8-S	Mouse	Brain/cerebellum	Astrocyte, type II clone
CRL-2541	C8-D1A	Mouse	Brain/cerebellum	Astrocyte, type I clone
CRL-9391	Swiss SFME	Mouse	Embryo	Astrocyte
CRL-9392	BALB SFME	Mouse	Embryo	Astrocyte
CCL-107	C6	Rat	Brain	Astrocyte
CRL-2005	DI TNC1	Rat	Brain/diencephalon	Astrocyte, type 1 phenotype
CRL-2006	CTX TNA2	Rat	Brain/cortex	Astrocyte, type 1 phenotype

TABLE 2. Neurons

ATCC® No.	Name	Species	Source	Cell Type
CRL-2137	SK-N-AS	Human	Brain; derived from metastatic site: bone marrow	Neuroblast
CRL-2142	SK-N-FI	Human	Brain; derived from metastatic site: bone marrow	Neuroblast
CRL-2149	SK-N-DZ	Human	Brain; derived from metastatic site: bone marrow	Neuroblast
CRL-2266	SH-SY-5Y	Human	Brain; derived from metastatic site: bone marrow	Neuroblast
CRL-2267	BE(2)-M17	Human	Brain; derived from metastatic site: bone marrow	Neuroblast
CRL-2927	LUHMES	Human	Mesencephalon/mid brain	Dopaminergic neuron
CRL-10742	HCN-2	Human	Brain	Cortical neuron
CCL-131	neuro-2a	Mouse	Brain	Neuroblast
CCL-147	NB41A3	Mouse	Brain	Neuroblast
CRL-2263	N1E-115	Mouse	Brain	Neuroblast
CRL-11179	Cath.a	Mouse	Brain	Neuron
CRL-2925	NE-4C	Mouse	Brain, neuroectodermal	Neural stem cells
CRL-2926	NE-GFP-4C	Mouse	Brain, neuroectodermal	Neural stem cells
CRL-2532	QNR/D	Quail	Neuroretina	Retinal gangion/amacrine
CRL-2533	QNR/K2	Quail	Neuroretina	Retinal gangion/amacrine
CRL-1721	PC-12	Rat	Adrenal gland	Neuroblast
CRL-2825	RN-33B	Rat	Brain/medullary raphe nucleus	Neuron

TABLE 3. Neuronal schwann cells

ATCC® No.	Name	Species	Source	Disease
CRL-2885	sNF02.2	Human	Peripheral nervous system, derived from meta-static site: lung	Neurofibromatosis type 1 (Nf1)
CRL-2886	sNF94.3	Human	Peripheral nervous system, derived from meta-static site: lung	Neurofibromatosis type 1 (Nf1)
CRL-2766	SW10	Mouse	Nerve	Normal
CRL-2764	R3	Rat	Sciatic nerve	Normal
CRL-2765	RSC96	Rat	Nerve	Normal
CRL-2768	RT4-D6P2T	Rat	Peripheral nervous system	Schwannoma
CRL-2941	S16	Rat	Sciatic nerve	Normal
CRL-2942	S42	Rat	Sciatic nerve	Normal
CRL-2943	S16Y	Rat	Sciatic nerve	Normal

TABLE 4. Brain endothelial cells and fibroblasts

ATCC® No.	Name	Species	Source/Disease	Cell Type
CRL-3245	HBEC-5i	Human	Brain/cerebral cortex	Cerebral microvascular endothelium
CRL-2299	bEnd.3	Mouse	Endothelioma; cerebral cortex	Endothelial
CRL-2526	H19-7/IGF-IR	Rat	Brain/hippocampus	Fibroblast

TABLE 5. Glial cells

ATCC® No.	Name	Species	Source/Disease	Cell Type
CRL-2020	DBTRG-05MG	Human	Glioblastoma	Glial cell
CRL-2365	M059K	Human	Malignant glioblastoma; glioma	Glial cell
CRL-2366	M059J	Human	Malignant glioblastoma; glioma	Glial cell
CRL-7899	A-172	Human	Glioblastoma	Glial cell
CRL-8621	SVG p12	Human	Brain	Astroglia
CRL-3304	HMC3	Human	Brain	Microglia
CRL-2467	EOC 2	Mouse	Brain	Microglia
CRL-2468	EOC 13.31	Mouse	Normal	Microglia
CRL-2469	EOC 20	Mouse	Brain	Microglia
CRL-3265	SIM-A9	Mouse	Brain	Microglia
CRL-2540	C8-D30	Mouse	Brain/cerebellum	Monocyte/macrophage microglia
CCL-107	C6	Rat	Glioma	Glial cell
CRL-2199	C6/lacZ	Rat	Glioma	Glial cell
CRL-2200	9L/lacZ	Rat	Gliosarcoma	Glial cell
CRL-2303	C6/lacZ7	Rat	Glioma	Glial cell
CRL-2815	HAPI	Rat	Brain	Microglia
CRL-2397	F98	Rat	Undifferentiated malignant glioma	Glial cell
CRL-2433	RG2 [D74]	Rat	Differentiated malignant glioma	Glial cell
CRL-2948	F98npEGFRVIII	Rat	Undifferentiated malignant glioma	Glial cell
CRL-2949	F98 EGFR	Rat	Undifferentiated malignant glioma	Glial cell

TABLE 6. Pituitary tumor cells

ATCC® No.	Name	Species	Source	Secretes
CCL-89	AtT-20	Mouse	Pituitary tumor/Cushing's disease	ACTH
CRL-11285	AtT-20ins (CGT-6)	Mouse	Pituitary sarcoma	ACTH and insulin
CRL-1795	AtT-20/D16v-F2	Mouse	Pituitary tumor, anterior	ACTH
CCL-82	GH1	Rat	Pituitary tumor	Prolactin and growth hormone
CCL-82.1	GH3	Rat	Pituitary tumor	Prolactin and growth hormone
CCL-82.2	GH4C1	Rat	Pituitary tumor	Reduced prolactin and growth hormone
CRL-10609	MMQ	Rat	Pituitary tumor	Prolactin
CRL-1903	RC-4B/C	Rat	Pituitary adenoma, anterior	LH, growth hormone, FSH, prolactin, ACTH, gonadotropin releasing hormone (GnRH)

TABLE 7. Eye/retinal cells

ATCC® No.	Name	Species	Source	Disease
HTB-169	WERI-Rb-1	Human	Eye/retina	Retinoblastoma
HTB-18	Y79	Human	Eye/retina	Retinoblastoma
CRL-2302	ARPE-19	Human	Eye/retinal pigmented epithelium	Normal
CRL-2502	ARPE-19/HPV-16	Human	Eye/retinal pigmented epithelium	Normal
CRL-1780	RF/6A	Monkey	Choroid; retina	Normal
CRL-2532	QNR/D	Quail	Neuroretina	Sarcoma
CRL-2533	QNR/K2	Quail	Neuroretina	Sarcoma
CRL-2240	RPE-J	Rat	Eye/retinal pigmented epithelium	Normal

TABLE 8. Medulloblastoma cells

ATCC® No.	Name	Species	Source	Disease
CRL-3021	CHLA-01-MED	Human	Brain tumor, cerebellum	Medulloblastoma
CRL-3034	CHLA-01R-MED	Human	Brain, derived from metastatic site: Pleural Fluid	Medulloblastoma
HTB-186	Daoy	Human	Brain/cerebellum	Desmoplastic cerebellar medulloblastoma
HTB-187	D341 Med	Human	Brain/cerebellum	Medulloblastoma
HTB-185	D283 Med	Human	Brain/cerebellum, derived from metastatic site: peritoneum	Medulloblastoma


TABLE 9. GBM brain tumor stem cell lines (derived from Glioblastoma multiforme tumors)

ATCC® No.	Name	Species	Source/Disease	Cell Type
CRL-3408	BT 50	Human	GBM primary	Glial cell
CRL-3409	BT 67	Human	GBM primary	Glial cell
CRL-3410	BT 69	Human	GBM primary	Glial cell
CRL-3411	BT 89	Human	GBM primary	Glial cell
CRL-3412	BT 94	Human	GBM primary	Glial cell
CRL-3413	BT 169	Human	GBM primary (Gliosarcoma)	Glial cell
CRL-3414	BT 238	Human	GBM primary	Glial cell
CRL-3415	BT 301	Human	GBM primary	Glial cell

TABLE 10. Oligoglioma/oligoastrocytoma brain tumor stem cell lines


ATCC® No.	Name	Species	Source/Disease
CRL-3416	BT 54	Human	Oligodendroglioma Grade III recurrent
CRL-3417	BT 88	Human	Oligodendroglioma Grade III recurrent
ACS-1018	BT142	Human	Oligoastrocytoma Grade III/homozygous IDH1 R132H mutation

Browse our other neurobiology research tools at www.atcc.org/neuro

 10801 University Boulevard
Manassas, Virginia 20110-2209

 703.365.2700

 703.365.2701

 sales@atcc.org

 www.atcc.org

NC-08082019-05

© 2019 American Type Culture Collection. The ATCC trademark and trade name, and any other trademarks listed in this publication are trademarks owned by the American Type Culture Collection unless indicated otherwise.

These products are for laboratory use only. Not for human or diagnostic use. ATCC products may not be resold, modified for resale, used to provide commercial services or to manufacture commercial products without prior ATCC written approval.