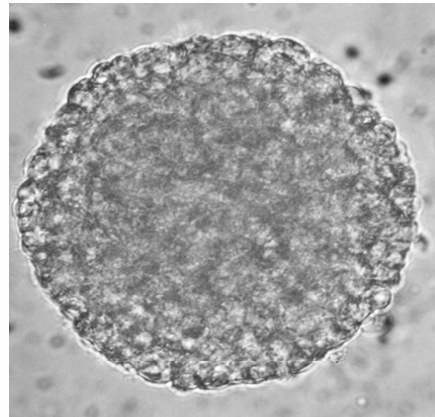




# 神経研究用 細胞製品のご紹介

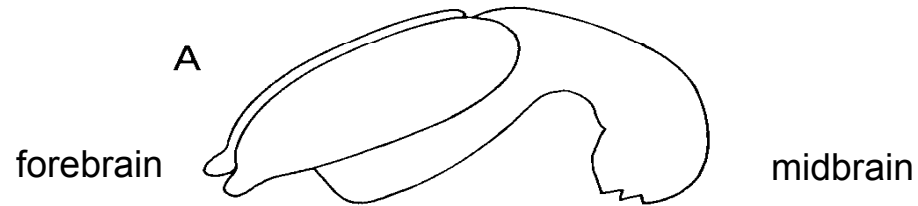


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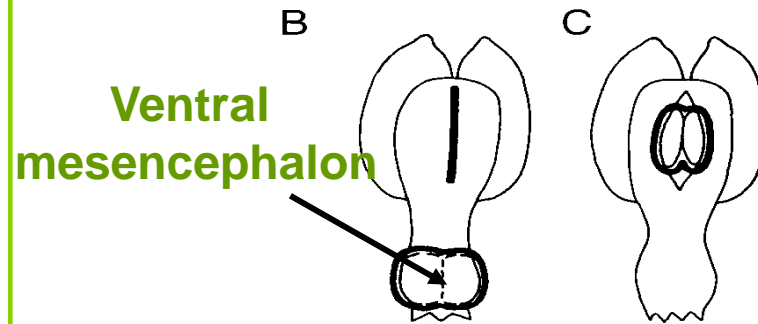
# マウス Neurospheres

< Neural Stem Cellsの採取 (E14 Mouse CNS) >

Lateral view

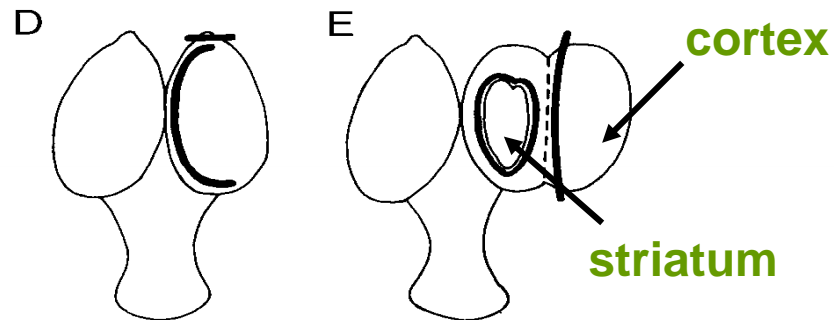


Ventral view



E14マウスCNSの  
3つの異なる部位(緑  
字)からNeural stem  
cellを採取します

Dorsal view



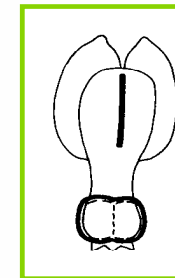
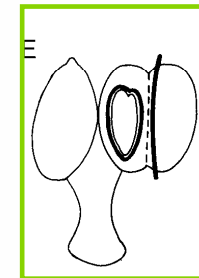
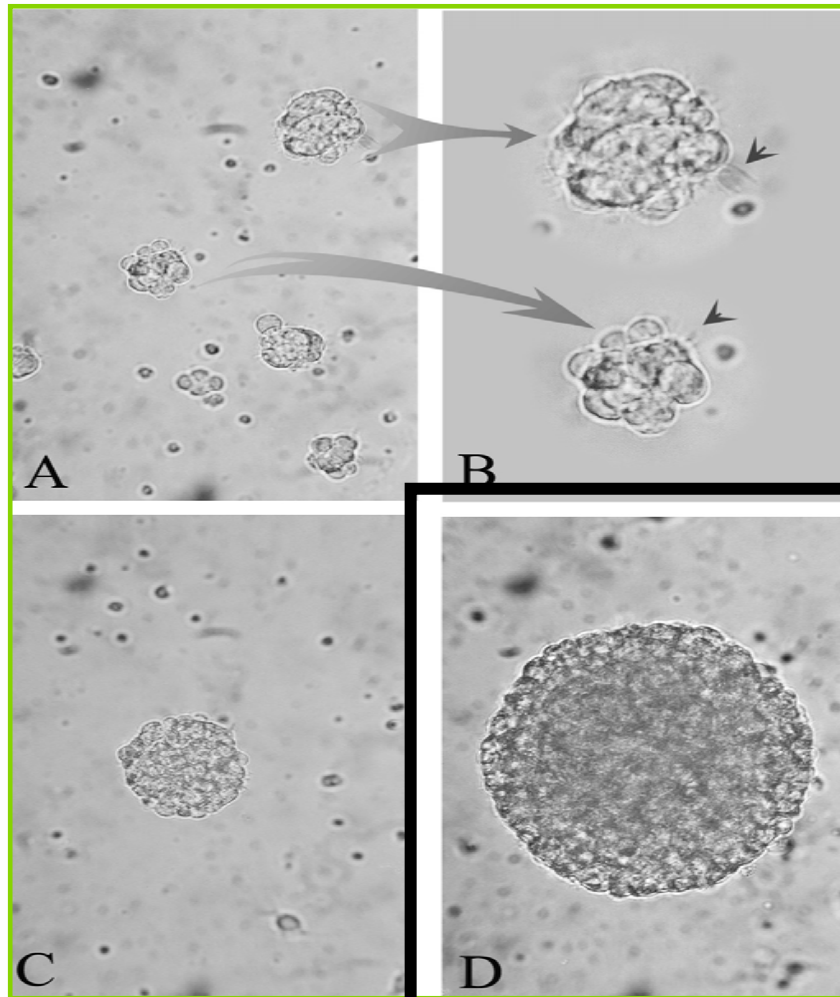
O'Connor, T. J., Vescovi, A. L. and Reynolds, B. A. 1998. Cell Biology Handbook second edition



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# マウスNeurospheres







(前スライド)3部位の細胞から  
それぞれ、Passage 1@Day 7の  
凍結Neurosphereを調整し、  
販売いたしております。

**For Sale !**



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## マウス、ラット Neurospheres 製品一覧

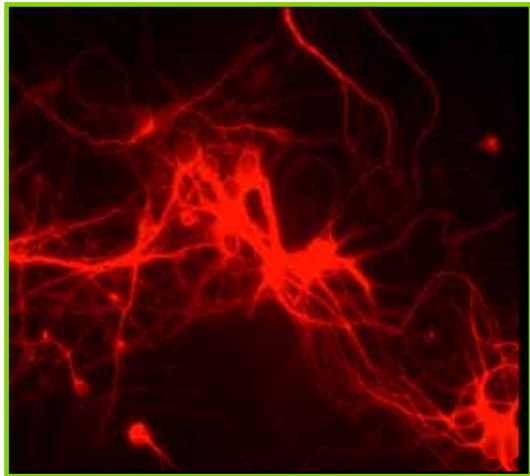
コードNO	Product		梱包単位
ST-00330	Murine Striatal Neurospheres		5 × 10e6 cells
ST-00331	Murine Cortex Neurospheres		5 × 10e6 cells
ST-00332	Murine Vental Mesencephalon Neurospheres		5 × 10e6 cells
ST-00340	Rat E18 Passage-1 Neurospheres		1 × 10e6 cells



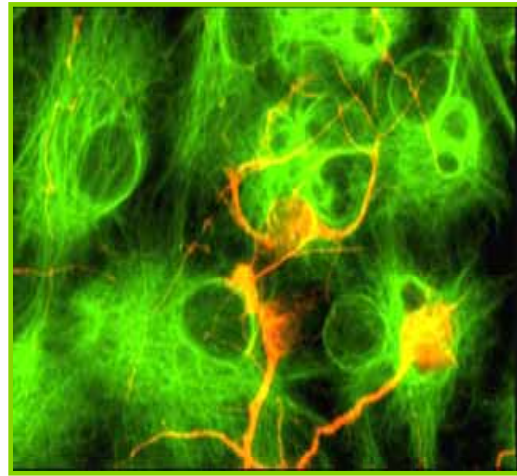


## 血清を加えた培地でNeurosphereを分化させた例

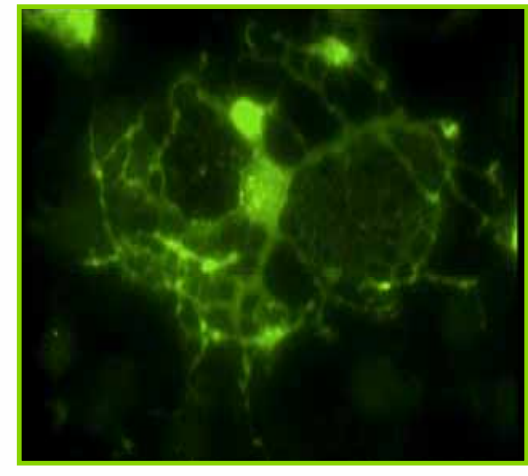
(↓) マウスNeurosphereを解離してSingle cellにしたのち、分化用のNeuroCultで培養して免疫染色をしたところ。  
3種類の主要CNS表原型(ニューロン、星状細胞、乏突起膠細胞)が得られた。



**Neurons**  
**(MAP2)**



**Astrocytes and Neurons**  
**(GFAP and  $\beta$ -Tubulin)**

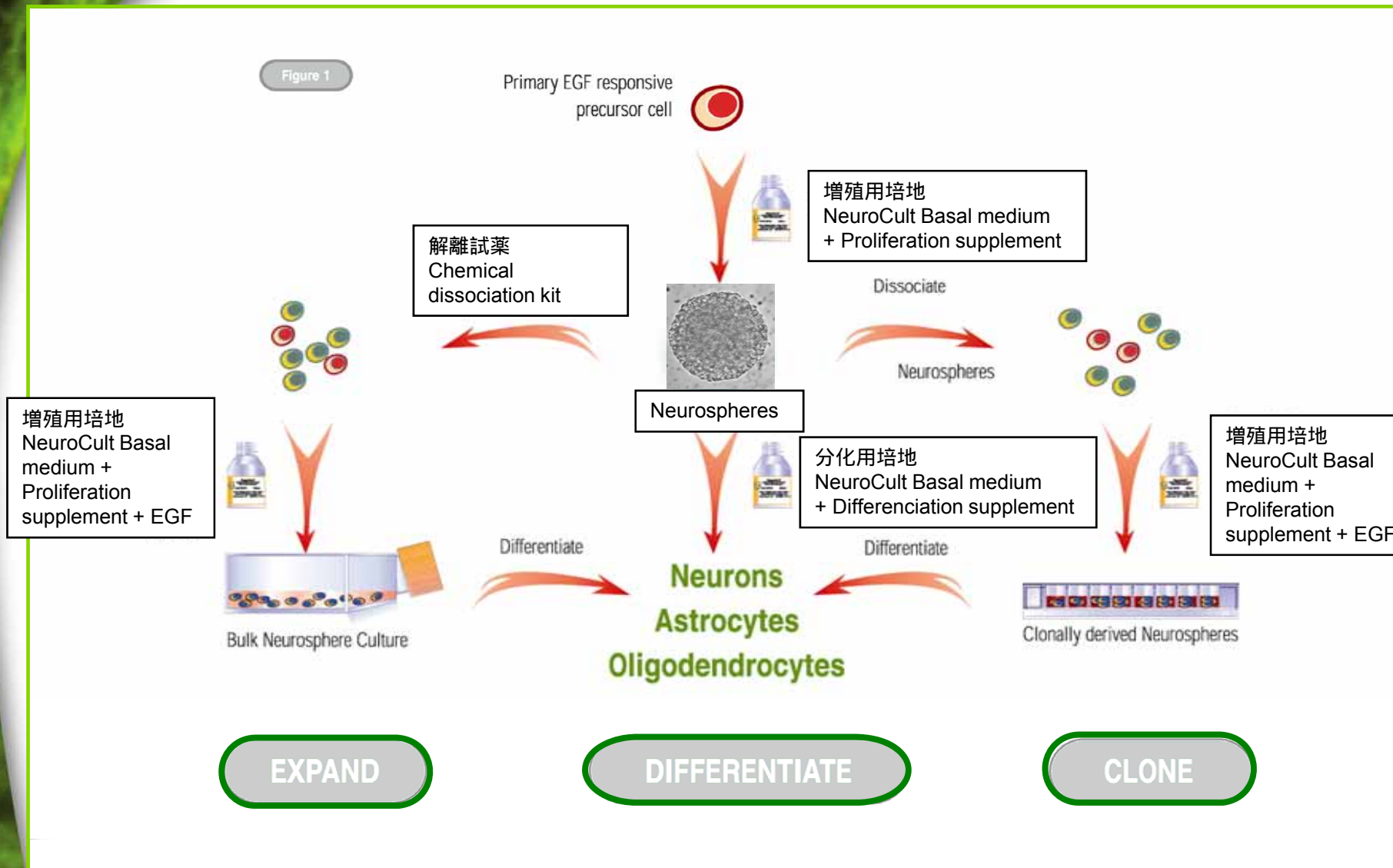


**Oligodendrocytes**  
**(MBP)**





# マウス神経幹細胞研究用製品フロー















の製品をご用意いたしております



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# NeuroCult®製品シリーズ

～ マウス用のほか、ラット・ヒト用の試薬も幅広くご用意いたしております～

Product	Species
NeuroCult® Basal Medium NeuroCult® Proliferation Supplements (増殖用)	  
NeuroCult® Basal Medium NeuroCult® Differentiation Supplements (分化用)	  
Antibodies to Neural Cells Primary – lineage specific; Secondary - conjugated	  
NeuroCult® Chemical Dissociation Kit (Neurosphere解離用キット)	
NeuroCult® Enzymatic Dissociation Kit (Adult CNS tissue解離用キット)	 

\*コードNO、定価、製品情報など詳しくは、カタログをご覧ください。



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## その他ペリタス取り扱い 神経細胞製品(ヒト)

Human CNS System		
商品コード	商品名	規格
NHA-001F	Frozen Normal Human Astrocytes	>1million/vial
NHA-004	Human Astrocytes Pellet	10million cells/pellet
CELL1088	Human Brain Microvascular Endothelial Cells	5 x 10 <sup>5</sup> cells/vial
CELL1188	Human Brain Vascular Smooth Muscle Cells	5 x 10 <sup>5</sup> cells/vial
CELL1288	Human Brain Vascular Pericytes	5 x 10 <sup>5</sup> cells/vial
CELL1388	Human Choroid Plexus Endothelial Cells	5 x 10 <sup>5</sup> cells/vial
CELL1398	Human Choroid Plexus Epithelial Cells	5 x 10 <sup>5</sup> cells/vial
CELL1408	Human Choroid Plexus Fibroblasts	5 x 10 <sup>5</sup> cells/vial
CELL1488	Human Meningeal Cells	5 x 10 <sup>5</sup> cells/vial
CELL1608	Human Neurons	1 x 10 <sup>6</sup> cells/vial
CELL1608-10	Human Neurons	10 x 10 <sup>6</sup> cells/vial
CELL1608-5	Human Neurons	5 x 10 <sup>6</sup> cells/vial
CELL1618	Human Cerebellar Granule Cells	1 x 10 <sup>6</sup> cells/vial
CELL1688	Human Oligodendrocyte Precursor Cells	1 x 10 <sup>6</sup> cells/vial
CELL1698	Human Oligodendrocyte Precursor Cells-oligospheres	1 x 10 <sup>6</sup> cells/vial
CELL1708	Human Oligodendrocytes	1 x 10 <sup>6</sup> cells/vial
CELL1788	Human Schwann Cells	5 x 10 <sup>5</sup> cells/vial
CELL1798	Human Perineurial Cells	5 x 10 <sup>5</sup> cells/vial
CELL1888	Human Astrocytes	1 x 10 <sup>6</sup> cells/vial
CELL1898	Human Astrocytes-cerebellar	1 x 10 <sup>6</sup> cells/vial
CELL1988	Human Microglia	5 x 10 <sup>5</sup> cells/vial



## その他ベリタス取り扱い 神経細胞製品 (マウス & ラット)

Mouse & Rat CNS System		
商品コード	商品名	規格
CELLM1888	Mouse Astrocytes	5 x 10 <sup>5</sup> cells/vial
CELLR1288	Rat Pituitary Cells	5 x 10 <sup>5</sup> cells/vial
CELLR1488	Rat Meningeal Cells	5 x 10 <sup>5</sup> cells/vial
CELLR1598	Rat Neurons-raphé	5 x 10 <sup>5</sup> cells/vial
CELLR1608	Rat Neurons-substantia nigra	5 x 10 <sup>5</sup> cells/vial
CELLR1618	Rat Neurons-striatal	5 x 10 <sup>5</sup> cells/vial
CELLR1628	Rat Neurons-hippocampal	5 x 10 <sup>5</sup> cells/vial
CELLR1638	Rat Neurons-cortical	5 x 10 <sup>5</sup> cells/vial
CELLR1648	Rat Granule Cells	5 x 10 <sup>5</sup> cells/vial
CELLR1658	Rat Neurons-ventral spinal cord	5 x 10 <sup>5</sup> cells/vial
CELLR1668	Rat Neurons-dorsal spinal cord	5 x 10 <sup>5</sup> cells/vial
CELLR1788	Rat Schwann Cells	5 x 10 <sup>5</sup> cells/vial
CELLR1798	Rat Perineural Fibroblasts	5 x 10 <sup>5</sup> cells/vial
CELLR1888	Rat Astrocytes	5 x 10 <sup>5</sup> cells/vial
CELLR1898	Rat Astrocytes-cerebellar	5 x 10 <sup>5</sup> cells/vial
CELLR1908	Rat Astrocytes-hippocampal	5 x 10 <sup>5</sup> cells/vial
CELLR1988	Rat Microglia	5 x 10 <sup>5</sup> cells/vial