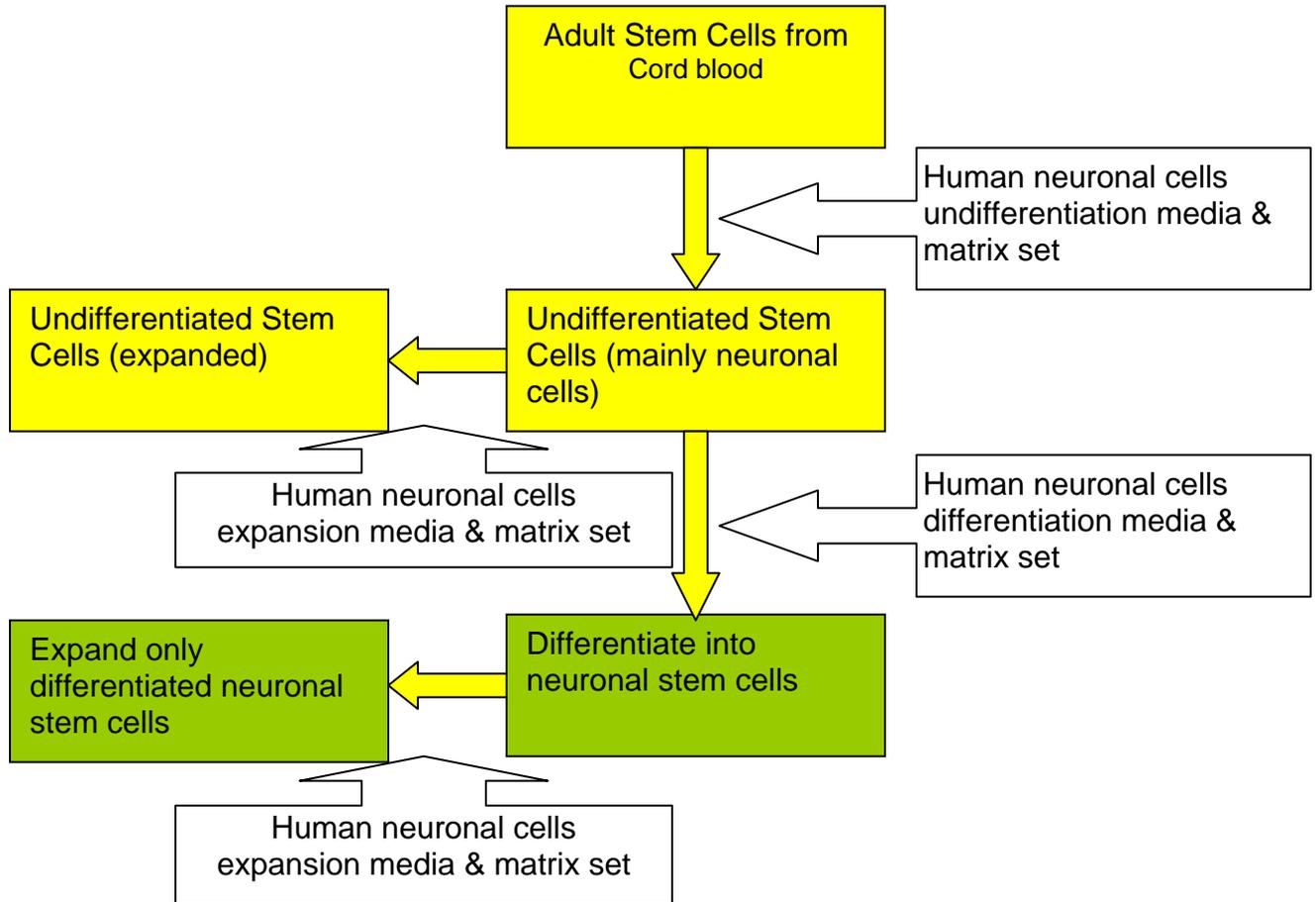




Neuronal Stem Cell Starter Kit.

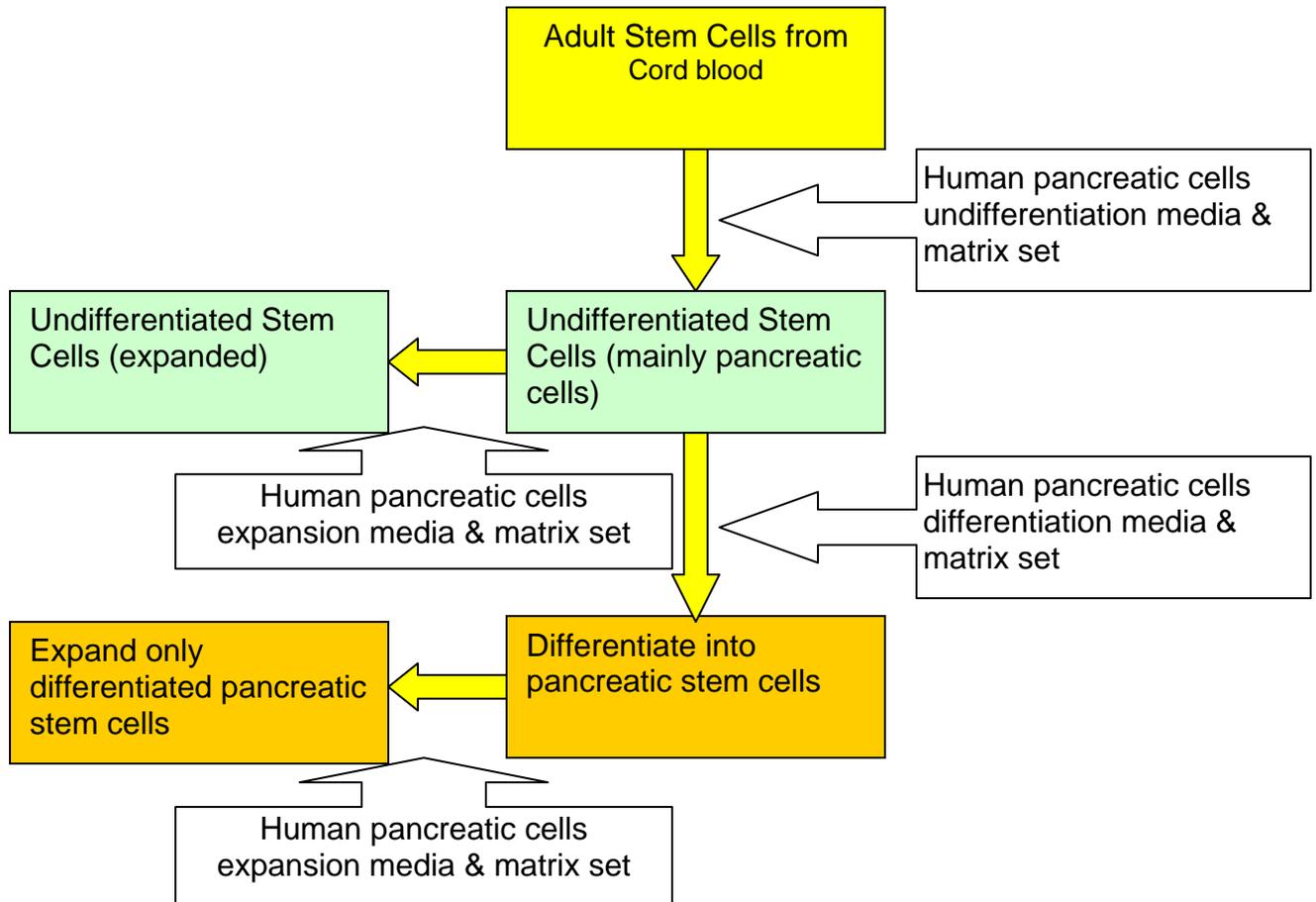
Celprogen offers neuronal stem cell culture system for human (also available for mouse and rat embryonic stem cell culture). The kit cultures human stem cells from cord blood origin in undifferentiated form with undifferentiated media and undifferentiated matrix set. This media and matrix set was designed to keep characteristics of neuronal cell and maintain stem cells undifferentiated. The expansion media and expansion matrix set proliferates the population of undifferentiated stem cells particularly stem cells with neuronal characteristics. The human neuronal stem cell differentiation media and human neuronal stem cell differentiation matrix set trans-differentiates these stem cells in to neuronal cells. These differentiation media and matrix set is specially designed for neuronal cell differentiation. These differentiated neuronal cells are expanded by human neuronal stem cell expansion media and human neuronal stem cell expansion matrix set. This media and matrix set mainly proliferates neuronal cells. The T75 flasks are used for cell expansion; on the other hand the T25 flasks are used for specific application such as differentiation.





Pancreatic Stem Cell Starter Kit.

Celprogen offers pancreatic stem cell culture system for human (also available for mouse and rat embryonic stem cell culture). The kit cultures human stem cells from cord blood origin in undifferentiated form with undifferentiated media and undifferentiated matrix set. This media and matrix set was designed to keep characteristics of pancreatic cell and maintain stem cells undifferentiated. The expansion media and expansion matrix set proliferates the population of undifferentiated stem cells particularly stem cells with pancreatic characteristics. The human pancreatic stem cell differentiation media and human pancreatic stem cell differentiation matrix set trans-differentiates these stem cells in to pancreatic cells. These differentiation media and matrix set is specially designed for pancreatic cell differentiation. These differentiated pancreatic cells are expanded by human pancreatic stem cell expansion media and human pancreatic stem cell expansion matrix set. This media and matrix set mainly proliferates pancreatic cells. The T75 flasks are used for cell expansion; on the other hand the T25 flasks are used for specific application such as differentiation.





Stem cells culture kit

As the general stem cell culture, Celprogen offers universal stem cell culture system for human, mouse, and rat stem cell culture. The kit cultures stem cells (cord blood origin for human and embryonic stem cells for mouse and rat) in undifferentiated form with undifferentiated media and undifferentiated matrix set. The expansion media and expansion matrix can expand the population of undifferentiated stem cells. The differentiation media and differentiation matrix set differentiate these stem cells in to endodermal, mesodermal, and ectodermal tissues. These differentiated stem cells are expanded by expansion media and expansion matrix. The T75 flasks are used for cell expansion; on the other hand the T25 flasks are used for specific application such as differentiation. The kit also includes PBS and PBS/EDTA for washing stem cells, trypsin/EDTA, and Stem cell freezing media.

Example of the kit contents are shown here.



Please use specific media and matrix combination for specific stem cell differentiations. Such tissue types are;

- Hepatocytes
- Cardiomyocytes
- Pancreatic cells
- Neuronal cells
- Endothelial cells

Celprogen supplies specific media and matrix sets for undifferentiation, differentiation, and expansion. Please consult ordering information.