

Human Sperm Cell Differentiation from Stem Cell Starter Kit.

Celprogen offers human stem cell differentiation into sperm cells culture system. 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 sperm cell and maintain sperm progenitor cells in their undifferentiated stage. The expansion media and expansion matrix set proliferates the population of undifferentiated sperm cells particularly stem cells with sperm cell characteristics. The human sperm cell differentiation media and human sperm cell differentiation matrix set trans-differentiates these stem cells into sperm cells and sperm cell progenitor cells. These differentiation media and matrix set is specially designed for sperm differentiation. These differentiated sperm cells are expanded by human sperm cell expansion media and human sperm cell expansion matrix set. This media and matrix set mainly proliferates sperm cells and sperm cell progenitors. The T75 or T25 flasks are used for cell expansion and differentiation.

