NeoSystem With Serum And Neoboost For Cell Cultures

#Cat: NB-11-0085 Size: 1Set

The Serum-Free Recombinant Growth Factor System. Complete cell growth and passage system including CSC Media, Attachment Factor, Neoboost, NeoPassage Reagent Group and Cell Freezing Medium. Contains Recombinant Growth Factor only.

Media Component:
Medium - formulated with 10% serum. This medium becomes complete once activated with the included Neoboost supplement containing Recombinant Growth Factors only. NB-11-0048 is Certified and intended for experimental application.

Growth Supplement Component:
Neoboost is the broad-spectrum supplement used to activate CSC Complete Medium.
Neoboost contains Recombinant Growth Factor and Porcine heparin.

PRG Component:
NeoPassage Reagent Group (NPRG) is a matched set of CSC reagents for releasing cells from culture for subculture or freezing. The NPRG contains three parts: NPRG-1 (EDTA -dPBS Solution), NPRG-2 (Trypsin/EDTA -dPBS Solution) and NPRG-3 (Trypsin Inhibitor-dPBS Solution). The chelating agent EDTA in PRG-1 prepares for NPRG-2, which contains highly purified trypsin. NPRG-3 inactivates the protease in NPRG2 and stabilizes the cell membranes.

Cell Freezing Medium Component:
CSC Cell Freezing Medium is a specialized media, when used in conjunction with CSC NeoPassage Reagent Group, provides a beneficial environment for the freeze/thaw cycle of cell cultures, assisting in the minimization of cellular damage during the process.

Attachment Factor Component:
Attachment Factor is an extracellular matrix (ECM) product that promotes cell attachment to tissue culture surfaces and encourages correct polarity and cytoskeletal organization. Attachment Factor also contributes to correct in vitro growth factor and biological response modifier presentation. Use of Attachment Factor is critically important when cultures are to be initiated, grown, passaged, or used within the CSC Medium family. CSC media and reagents are Sterile, made with WFI and all components are cGMP and ISO Compliant.

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