



***baculo*GROW Insect Cell Medium**

Cat. No.: GWB-500100

Volume : 500 ml

Shipping : Room Temperature

Description

*baculo*GROW is a serum-and protein-free medium. The medium has been specially formulated to facilitate the growth of *Spodoptera frugiperda* cell lines (Such as Sf9 and Sf21), *Drosophila* S2 cells and other cells such as *Trichoplusia ni* (T.ni or Hi-5) cells. *baculo*GROW can be used for culturing adherent cells and is also compatible with suspension cultures, such as those used in bioreactors.

Key Features

- Ideally suited to use with the baculovirus expression system
- Protein free, fully defined, complete medium
- Supports cell densities higher than 10^7 cells/ml
- Supports high recombinant protein yields
- Contains Pluronic F68 for minimized shear forces
- Can be used as a freezing medium
- No adaptation from cultures containing serum is needed

Storage and Shelf Life

Store at 2-8 C. *baculo*GROW is light sensitive so should be protected from light during storage.

*baculo*GROW has a shelf life of 9 months

General guidelines for insect cell culture

Insect cells should be cultured at 27 – 28 °C in a non-humidified atmosphere, without CO₂. Cultures may be grown in a variety of vessels, such as shake flasks (100 – 140 rpm), spinner flasks or WAVE bags. The caps on culture flasks should be loosened and adequate vessel headspace should be given to provide gas exchange. Detailed cell culture protocol can be found with the *baculo*COMPLETE user manual at www.genwaybio.com.



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