



## ***baculo*GROW Insect Cell Medium**

### **Product Information**

Cat. No. : 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 CO<sub>2</sub>. 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. Seed cells with a density of approx.  $5.0 \times 10^5$  cells/ml.