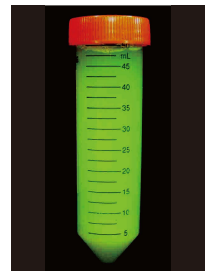


Large Scale Protein Synthesizer

Abnova presents ProteMist® XE, a fully-automated desktop protein synthesizer for large-scale, low cost, eukaryotic protein production. The system uses a special wheat germ lysate and a batch reaction method developed and prepared by CellFree Sciences Co., Ltd. ProteMist® XE is ideally suited for producing 10 mg to over 500 mg of protein for assay development, functional and structural analysis. A unique "Filter-and-Feed" translation method maximizes protein yield by a programmed replenishment of translation buffer and mRNA. The protocol and automation is designed for easy operation obviating the need for manual handling and production.

Features

- Fully automated 24- to 48-hour campaign of wheat germ cell-free protein synthesis
- Computer-controlled continual filter-and-feed translation through intermittent replenishment of substrate buffer and mRNA
- Adjustable translation reaction volume ranging from 10 ml to 50 ml
- Approximate 10 mg crude GFP protein production per ml reaction volume with high performance wheat germ extract in WEPRO® 7240/8240 series



GFP synthesized by ProteMist® XE

Programs for Protein Synthesis

