

Expression Media

Media Optimization Kit™ and APF Media Optimization Kit™

Intended Use

Because the production of a given recombinant protein can vary significantly depending on the type of medium employed, the Media Optimization Kit™ and APF Media Optimization Kit™ are used for determining the best medium formulation for the expression of recombinant proteins in *E. coli*. The APF kit is based on our original Media Optimization Kit™ except the media are made without animal-derived raw materials. All the media, except the reference LB Broth, are APF *Certified*™. Either of the Optimization Kits allows the researcher to screen several specially designed formulations to identify the medium that yields the highest amount of the target protein. Each kit contains enough media to prepare 1 liter of each of the six media used by the Contract Services and Manufacturing Teams at AthenaES to optimize the expression of recombinant proteins.

Standard Kit Components:

Powder Mixes for 1 liter of:
Glucose M9Y Turbo Broth™
LB Broth, Power Broth™
Miller
Hyper Broth™ Superior Broth™
Applications manual

APF Kit Components:

Powder Mixes for 1 liter of:
Glucose M9Y Turbo *Prime*
Broth™
LB Broth, Power *Prime*
Miller Broth™
Hyper Broth™ Superior *Prime*
Broth™
Applications manual

Media Optimization Kit™..... 0100..... 1 kit
APF Media Optimization Kit™..... 0100-APF..... 1 kit