

ATCC medium: 803 M7 medium

L-Methionine solution (1.5 g/L).....30.0 ml
Glucose solution (270 g/L).....20.0 ml
Buffer Solution (see below).....20.0 ml
Yeast extract solution (25 g/L).....200.0 ml
Dialyzed Fetal Bovine Serum (see below).....100.0 ml
Distilled water.....630.0 ml

Filter-sterilize the glucose and L-methionine solutions. Process fetal calf serum as described below. Other ingredients may be autoclaved at 121C for 15 minutes. Combine ingredients aseptically.

Buffer Solution:

KH₂PO₄18.1 g
Na₂HPO₄25.0 g
Distilled water.....1.0 L

Dialyzed Fetal Bovine Serum:

Dialyze the heat-inactivated serum at 0-4C against 10 volumes of water. Clean the dialysis tubing before use by boiling in a solution of 0.37 g/L of EDTA and rinsing with water. Change the water four times at 8-16 hour intervals. Centrifuge the dialyzed serum for 30 minutes at 35,000g and filter-sterilize.