

2-Mercaptoethanol (2-ME) Stock

(Greg A. Perry, Ph.D.)

(Stock = 5×10^{-2} M; Makes 100 ml)

Equipment:

100 ml beaker
Stir plate and bar
100 ml bottle (sterile)
0.2 μ m filter (sterile)

Reagents:

0.349 ml	2-Mercaptoethanol (1.12 g/ml, Sigma #M-7522)
99.651 ml	Sterile Dulbecco's PBS (DPBS)

Method:

- 1) Combine all ingredients and mix well.
- 2) 0.2 μ m sterile filter into sterile container.

Stock concentration = 5×10^{-2} M.

To use: Add 1 μ l/ml media. Final concentration = 5×10^{-5} M.