

200mM L-Glutamine Stock

(Greg A. Perry, Ph.D.)

(makes 100ml)

Equipment:

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

Reagents:

2.92 gm L-gGlutamine ($C_5H_{10}N_2O_3$; FW=146) (Gibco #21051-024)
100 ml Dulbecco's PBS (Sterile)

Method:

- 1) Combine ingredients and mix well. Solution should be clear.
- 2) 0.2 μ m sterile filter into sterile 100ml bottle.

Stock concentration = 200 mM.

To use: Add 10 μ l/ml media. Final concentration = 2 mM.