

# LIPID MAPS Solution Protocol

**Solution name:** Bio-Gel (2%)

**Solution name abbreviation:** Bio-Gel

**Protocol ID:** PS0000001500

**Version:** 00

**Volume:** 100 ml

**Components:**

Reagent	Source	Catalog or Protocol No.	F.W. or Stock Conc.	Quantity	Final Concentration
Bio-Gel P-100	BioRad	150-4174		2 g	2%
Dulbecco's Phosphate-Buffered Saline (DPBS)	Cellgro	21-031	100%	100 ml	

**Solution Preparation:**

1. Suspend 2 g of Bio-Gel P-100 in a 50 ml conical centrifuge tube containing 30 ml of DPBS.
2. Centrifuge for 5 min at 400 rpm.
3. Transfer the suspended bio-gel to a 100 ml glass bottle and bring the volume to 100 ml with DPBS.
4. Autoclave (15 lb/in<sup>2</sup>, 121°C, for 15 min with slow exhaust).
5. After cooling, bring the volume to 100 ml with sterile DPBS to account for evaporation.
6. Store at 4°.

**Author:** Donna Reichart

**Date:** 10-26-05