

LIPID MAPS Solution Protocol

Solution name: Thioglycollate Medium (3%)

Solution name abbreviation: Thio

Protocol ID: PS0000001600

Version: 00

Volume: 1000 ml

Components:

Reagent	Source	Catalog or Protocol No.	F.W. or Stock Conc.	Quantity	Final Concentration
Fluid Thioglycollate Medium (dehydrated)	Fisher (Difco)	0256172		29.8 g	3%
dd water			100%	1000 ml	

Solution Preparation:

1. Suspend 29.8 g of dehydrated thioglycollate medium in 1000 ml of cold double distilled water and heat to a boil dissolving the medium completely (very important).
2. Aliquot medium into 100 ml glass bottles.
3. Autoclave (15 lb/in², 121°C, for 15 min with slow exhaust).
4. After cooling, store the solution in a dark place at room temperature for at least two months. Two to four month old thioglycollate is more effective in increasing the yield of peritoneal macrophages.
5. Before use, solution should appear darker.

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