

LIPID MAPS Solution Protocol

Solution name: Core D ATP-Magnesium Stock

Solution name abbreviation: ATP-Mg Stock

Protocol ID:

Version: 01

Volume:

Components:

Reagent	Source	Catalog or Protocol No.	F.W. or Stock Conc.	Quantity	Final Concentration
ATP-Mg	Avanti	790835	551.76 $C_{10}H_{12}Mg_2N_5O_{13}P_3$	10 mg	200mM
Hepes	Teknova	H1575	.5M	1.81ml	10mM
DTT	Invitrogen	15508-013	1M	.91ml	10mM
Water	Gibco (Invitrogen)	10977-015	100%	qs 90.6ml	

Solution Preparation:

1. Dissolve ATP in 10mM Hepes and 10mM DTT.
2. Thoroughly mix until all the ATP is dissolved.
3. PH to 7.5 with Ammonium Hydroxide.
4. Assign a barcode and enter into LIMS.
5. Store in aliquots at $-20^{\circ}C$.

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