

LIPID MAPS Solution Protocol

Solution Name: Core G ATP stock solution

Solution name abbreviation: ATP stock

Version: 01

Reagent	Source	Catalog #	Formula Weight and formula	Quantity	Final Concentration
Adenosine 5'-triphosphate disodium salt hydrate	Sigma	A2383-25G	551.14 g/mol $C_{10}H_{14}N_5Na_2O_{13}P_3 \cdot xH_2O$	2.2g	200mM
Dulbecco's Phosphate Buffered Saline	Cellgro	21-030-CV		20ml	

Solution Preparation:

1. Weigh out 2.2g of ATP disodium salt.
2. Dissolve in 20ml of DPBS to get the final concentration of 200mM.
3. Mix thoroughly until all ATP is dissolved.
4. Store at $-20^{\circ}C$.

Author: Ishita Shah

Date: 01-17-12