

Materials List for

Thin Layer Chromatography Based Enzyme Activity Assay: A Technique to Determine In Vitro Pyrophosphokinase Activity Using Thin Layer Chromatography

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Materials

Name	Company	Catalog Number	Comments
Thin layer chromatograph (TLC) development tank	General Glass Blowing Company	80-3	
Polyethylenimine (PEI)-cellulose plates (20 cm x 20 cm, 100 µm thickness) with polyester support	Sigma-Aldrich	Z122882-25EA	
ATP, [γ - ³² P]- 3000 Ci/mmol 10mCi/ml lead, 100 µCi	Perkin Elmer	NEG002A	
Adenosine 5'-triphosphate (ATP) 100 mM	Bio Basic Canada	AB0311	
Guanosine-5'-diphosphate disodium salt (GDP)	Alfa Aesar	AAJ61646MC/E	
Storage phosphor screen	GE Healthcare Life Sciences	BAS-IP TR 2040 E Tritium Screen	
Storm 860 phosphorimager	GE Healthcare Life Sciences	-	