

Materials List for:

Quantification of Bacterial Histidine Kinase Autophosphorylation Using a Nitrocellulose Binding Assay

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Materials

Name	Company	Catalog Number	Comments
Phosphoric acid	VWR	AAAA18067-AP	For quenching reactions and washing nitrocellulose
Tris base	RPI	T60040-5000.0	Tris-HCl pH 8.0, for kinase reaction buffer
Potassium chloride	RPI	P41000-2500.0	For kinase reaction buffer
Magnesium chloride	RPI	M24000-500.0	For kinase reaction buffer
Glycerol	RPI	G22020-4000.0	For kinase reaction buffer
5'-ATP	Promega	E6011	Kinase substrate
[γ - ³² P]-5'-ATP	Perkin Elmer	NEG002Z250UC	6,000 Ci/mmol
96-well dot blot apparatus	Bio-rad	1706545	For spotting reactions
Nitrocellulose	Whatman	32-10401396-PK	For spotting reactions
Ponceau S	Sigma aldrich	P3504-50G	For staining nitrocellulose