

Materials List for:

Detection of Protease Activity by Fluorescent Peptide Zymography

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Materials

Name	Company	Catalog Number	Comments
1.5 mm Empty Gel Cassettes	ThermoFisher Scientific	NC2015	
1.5 mm, 10 well Empty Gel Cassette Combs	ThermoFisher Scientific	NC3510	
1x Phosphate Buffered Saline	Fisher Scientific	10-010-049	
20% SDS Solution	Ambion	AM9820	
3x Zymography Sample Buffer	Bio-Rad	1610764	
40% (w/v) Acrylamide/Bis (19:1)	Ambion	AM9022	
6 Well Tissue Culture Plates	ThermoFisher Scientific	087721B	
Amicon Ultra-2 Centrifugal Filter Unit (10 kDa MWCO)	Sigma-Aldrich	UFC201024	
Ammounium Persulfate	Sigma-Aldrich	A3678	
Azido-PEG3-Maleimide Kit	Click Chemistry Tools	AZ107	
Calcium Chloride	ThermoFisher Scientific	BP510100	
Dimethyl Sulfoxide	Fisher Scientific	BP231	
Isopropanol	Fisher Scientific	A416P	
Micro BCA Protein Assay Kit	ThermoFisher Scientific	23235	
N N N' N'- Tetramethylethylenediamine (TEMED)	Sigma-Aldrich	T9281	
PowerPac Basic Power Supply	Bio-Rad	1645050	
Precision Plus Protein Dual Color Standard	Bio-Rad	161-0374	
PrecisionGlide Hypodermic Needles	Fisher Scientific	14-826	
Round Bottom Flask (100 mL)	Fisher Scientific	50-873-144	
Septum Rubber Stopper	Fisher Scientific	50-872-546	
Sterile Slip Tip Syringe (1 mL)	Fisher Scientific	14-823-434	
Triton X-100	Sigma-Aldrich	X100	
Trizma hydrochloride	Sigma-Aldrich	T5941	
Typhoon 9410 Molecular Imager	GE Amersham	8149-30-9410	
Zinc Chloride	Sigma-Aldrich	208086	