

Materials List for:

A Semi-Quantitative Drug Affinity Responsive Target Stability (DARTS) assay for studying Rapamycin/mTOR interaction

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Materials

Name	Company	Catalog Number	Comments
100X Protease inhibitor cocktail	Sigma-Aldrich	P8340	Dilute to 20X with ultrapure water
293T cell line	ATCC	CRL-3216	DMEM medium with 10% FBS
Acetic acid	Sigma-Aldrich	A6283	
BCA Protein Assay Kit	Thermo Fisher	23225	
Calcium chloride	Sigma-Aldrich	C1016	
Cell scraper	Thermo Fisher	179693	
Coomassie Brilliant Blue R-250 Staining Solution	Bio-Rad	1610436	
Dimethyl sulfoxide(DMSO)	Sigma-Aldrich	D2650	
GraphPad Prism	GraphPad Software	Version 6.0	statistical analysis and drawing software
Hydrochloric acid	Sigma-Aldrich	H1758	
ImageJ	National Institutes of Health	Version 1.52	image processing and analysis software
M-PER Cell Lysis Reagent	Thermo Fisher	78501	
Phosphate-buffered saline (PBS)	Corning	R21-040-CV	
Pronase	Roche	PRON-RO	10 mg/ml
Sodium chloride	Sigma-Aldrich	S7653	
Sodium fluoride	Sigma-Aldrich	S7920	
Sodium orthovanadate	Sigma-Aldrich	450243	
Sodium pyrophosphate	Sigma-Aldrich	221368	
Trizma base	Sigma-Aldrich	T1503	adjust to pH 8.0
β-glycerophosphate	Sigma-Aldrich	G9422	