

Materials List for

The Development and Application of Biophysical Assays for Evaluating Ternary Complex Formation Induced by Proteolysis Targeting Chimeras (PROTACS)

Wei Jiang¹, Holly Soutter¹

¹Center for the Development of Therapeutics, The Broad Institute of MIT and Harvard

Corresponding Author	Citation		
Holly Soutter	Jiang, W., Soutter, H. The Development and Application of Biophysical Assays for		
hsoutter@broadinstitute.org	Evaluating Ternary Complex Fo	Evaluating Ternary Complex Formation Induced by Proteolysis Targeting Chimeras	
	(PROTACS). J. Vis. Exp. (203),	, e65718, doi:10.3791/65718 (2024).	
Date Published	DOI	URL	
January 12, 2024	10.3791/65718	jove.com/video/65718	

Materials

Name	Company	Catalog Number	Comments
96-plate	Greiner	655076	flat-bottom, black plates used In BLI experiments
96-well plate	Nunc	73520-120	Plate use for ITC sample preparation
96-well plate	Greiner	650101	Plate used to prepare samples for SPR experiments
Auto iTC200 micro-calorimeter	Malvern Panalytical		Instrument used to perform ITC experiments. Product discontinued.
Biacore S200	Cytiva	29136649	Instrument used to perform SPR experiments
MZ1	ProbeChem	PC-60099	PROTAC that binds to VHL and Brd4BD2
NTA sensor chip	Cytiva	BR100532	SPR chip used to perform SPR experiments involving PPM1D
Octet Red-384	Sartorius		Instrument used to perform BLI experiments. Product discontinued.
Plate cover	Malvern	PQA0001	Cover for Nunc 96-well plate (73520-120)
Plate cover	Cytiva	28975816	Plate cover for Greiner plate (650101)
Series S SA sensor chip	Cytiva	BR100531	SPR chip used to perform SPR experiments involving MZ1:VHL:BRD4
Streptavidin (SA) Dip and Read Biosensors	Sartorius	18-509	Coated sensors used in BLI experiments