

Materials List for:

Simultaneous Measurement of HDAC1 and HDAC6 Activity in HeLa Cells Using UHPLC-MS

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URL: <https://www.jove.com/video/55878>

DOI: [doi:10.3791/55878](https://doi.org/10.3791/55878)

Materials

Name	Company	Catalog Number	Comments
BATCP	Sigma-Aldrich	B4061	
MAL	Sigma-Aldrich	SCP0168	Synonym: BOC-Ac-Lys-AMC
MOCPAC	Sigma-Aldrich	M2195	
MS275	Sigma-Aldrich	EPS002	
Trichostatin A	Sigma-Aldrich	T8552	
Tubastatin A	Sigma-Aldrich	SML0044	
Acetonitrile, HPLC grade	Fisher Scientific	10660131	
Formic acid, LC/MS grade	Fisher Scientific	10596814	
H ₂ O, HPLC grade			distilled H ₂ O filtered through a Milli-Q purification system
HeLa cells	ATCC	ATCC CRM-CCL-2	
Cell dissociation reagent TrypLE Express	ThermoFisher Scientific	12604013	
DMSO, cell culture grade	Applchem	146463	
DPBS	ThermoFisher Scientific	14190144	
Fetal bovine serum	Biowest	S1810	
MEM	ThermoFisher Scientific	22561021	
Penicillin-Streptomycin	Bioconcept	4-01F00-H	
10x RIPA buffer	Abcam	ab156034	
SigmaFast protease inhibitor tablets	Sigma-Aldrich	S8820	
96-well plates, sterile, flat-bottom, tissue culture treated Corning	VWR	29442-058	
96-well plates, non-sterile, V-bottom Corning	VWR	29442-404	used in the centrifugation step
96-well plate, conical bottom, Nunc	ThermoFisher Scientific	249944	compatible with the Acquity UHPLC system
T75 cell culture flasks Corning	Sigma-Aldrich	CLS430641	
Peelable heat sealing foil	Waters	186002789	
Acquity UPLC system	Waters		
Eppendorf Centrifuge 5810 R	Fisher Scientific	05-413-323	
Integration software: MassLynx V4.1	Waters		Catalog number not available
Combi thermo-sealer SP-0669/240	Waters		Catalog number not available

Quattro micro API Tandem Quadrupole System	Waters		Catalog number not available
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