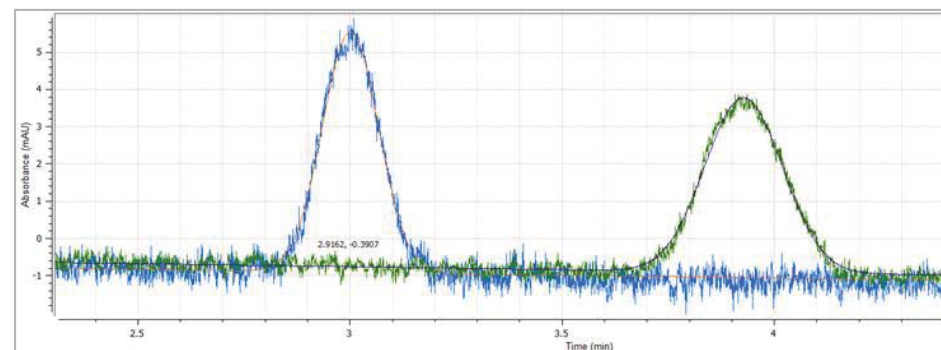


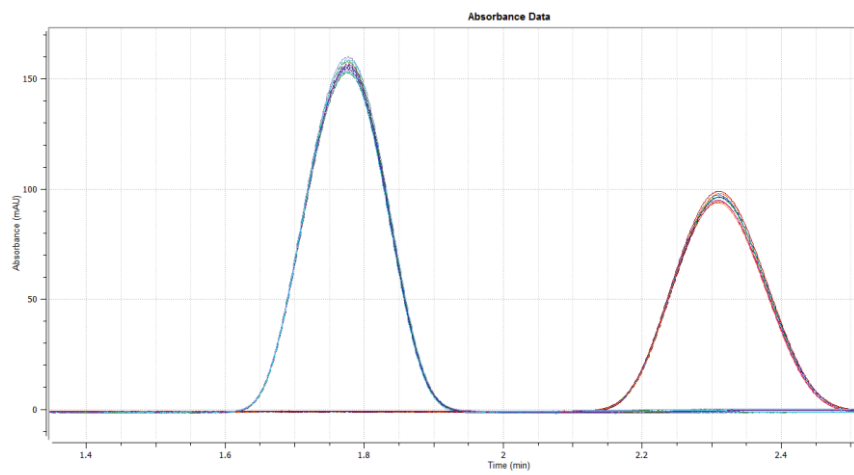
Sizing - Small molecules

Sample	Measured R_H (nm)	Molecular Mass (Da)
Glycine	0.25	75.1
Nicotinic Acid	0.28	123.1
Caffeine	0.32	194.2
Warfarin	0.46	308.3

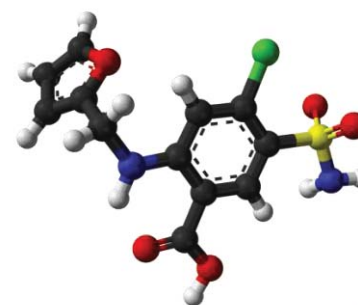
Small molecules at low concentrations



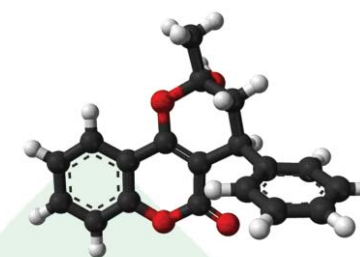
0.03 mg/mL Warfarin in DMSO, 214 nm



8 Repeat Runs Furosemide = 330.74 Daltons

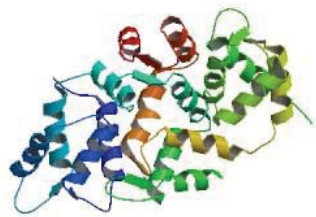


Furosemide

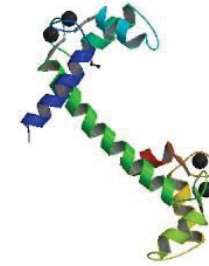


Warfarin

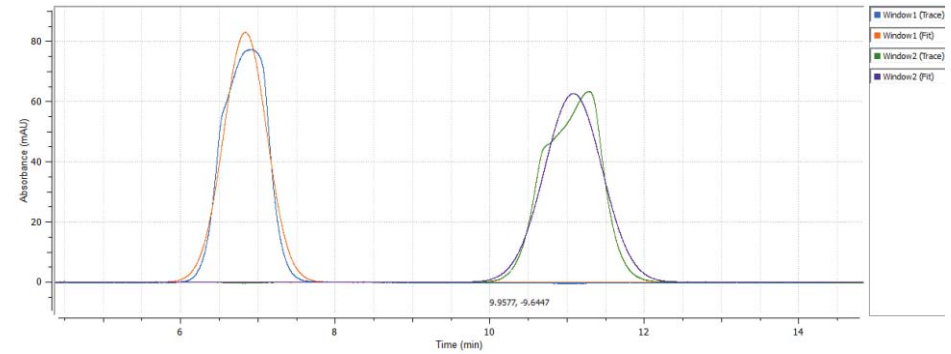
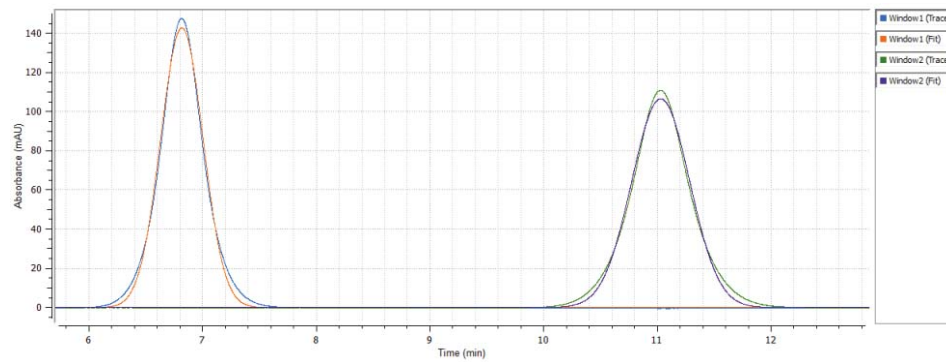
Change of conformation - Calmodulin



Without Calcium



Presence of Calcium



1.7 r.nm



3.4 r.nm

Instrumat AG
Ch. de la Rueyre 116-118
CH-1020 Renens
Switzerland
www.instrumat.ch


INSTRUMAT
your local support


Malvern

© 2012 Malvern Instruments Limited

www.malvern.com