

Materials List for:

Determination of Protein-ligand Interactions Using Differential Scanning Fluorimetry

Mirella Vivoli¹, Halina R. Novak¹, Jennifer A. Littlechild¹, Nicholas J. Harmer¹

¹Department of Biosciences, University of Exeter

Correspondence to: Nicholas J. Harmer at N.J.Harmer@exeter.ac.uk

URL: <https://www.jove.com/video/51809>

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Materials

Name	Company	Catalog Number	Comments
StepOne real time PCR instrument	Life Technologies	4376357	DSF can be performed with many other instruments. The StepOne instrument has very convenient software for data analysis.
Protein thermal shift software v1.0	Life Technologies	4466037	
MicroAmp Fast optical 48-well plates	Life Technologies	4375816	
Optical sealing tape	Life Technologies	4375323	Bio-rad part no. 223-9444 is an alternative supplier
U-bottomed 96-well plates	Fisher	11521943	
SYPRO Orange	Life Technologies	S6650	For a smaller volume supplier, use Sigma part no. S5692
SPSS statistics version 20	IBM		Other statistics packages will provide similar functionality
GraphPad Prism 6.02	GraphPad		Other statistics packages will provide similar functionality
Hand applicator (PA1)	3M	75-3454-4264-6	
Hexokinase from <i>Saccharomyces cerevisiae</i>	Sigma-Aldrich	H5000	
Glucose	Fisher scientific	10141520	