Materials List for:

Determination of High-affinity Antibody-antigen Binding Kinetics Using Four Biosensor Platforms

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Materials

Name	Company	Catalog Number	Comments
Biacore T100 System	GE Healthcare	28975001	The T100 system has been upgraded to T200
CM5 Sensor Chip	GE Healthcare	BR100012	
BIAevaluation	GE Healthcare		Version 4.1
Biacore T100 Control Software	GE Healthcare		The T100 control software has been upgraded to T200
Amine Coupling Kit	GE Healthcare	BR100050	It contains: 750 mg 1-ethyl-3-(3-dimethylaminopropyl)carbodiimide hydrochloride (EDC), 115 mg N-hydroxysuccinimide (NHS), 10.5 mL 1.0 M ethanolamine-HCl pH 8.5
HBS-EP+ Buffer 10×	GE Healthcare	BR100669	Concentrated stock solution
Plastic Vials, o.d. 7 mm	GE Healthcare	BR100212	
Rubber Caps, type 3	GE Healthcare	BR100502	
Plastic Vials and Caps, o.d. 11 mm	GE Healthcare	BR100214	
ProteOn XPR36 Protein Interaction Array System	Bio-Rad	1760100	
ProteOn Manager Software	Bio-Rad	1760200	Version 3.1.0.6
GLM Sensor Chip	Bio-Rad	1765012	
Amine Coupling Kit	Bio-Rad	1762410	It includes EDAC (EDC), sulfo- NHS, ethanolamine HCl
Regeneration and Conditioning Kit and Buffers	Bio-Rad	1762210	It includes 1 each glycine buffer (pH 1.5, 2.0, 2.5, 3.0), and NaOH, SDS, HCl, phosphoric acid, NaCl; 50 mL each solution
2 L PBS/Tween/EDTA buffer	Bio-Rad	1762730	It includes hosphate buffered saline (PBS), pH 7.4, 0.005% Tween 20, 3 mM EDTA
Octet RED384 System	FortéBio		
Data Analysis Software	FortéBio		Version 9.0.0.4
Dip and Read Anti-hlgG Fc Capture (AHC) Biosensors	FortéBio	18-5060	One tray of 96 biosensors
384-Well Tilted-Bottom Plate	FortéBio	18-5080	
Biosensor Dispenser	FortéBio	18-5016	
Kinetics Buffer 10x	FortéBio	18-1092	10x concentration. Contains ProClin 300.
IBIS MX96 SPRi System	Wasatch Microfluidics		

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Microfluidics Continuous Flow Microspotter (CFM) Printer	Wasatch Microfluidics		Version 2.0
SensEye COOH-G chip	Wasatch Microfluidics		1-09-04-004
Data Analysis Software	Wasatch Microfluidics		Version 6.19.3.17
SPRint Data Analysis Software	Wasatch Microfluidics		Version 6.15.2.1
Scrubber 2	BioLogic Software		Version 2
Pierce Recombinant Protein A/G	ThermoFisher Scientific	21186	