

Materials List for:

A Miniaturized Glycan Microarray Assay for Assessing Avidity and Specificity of Influenza A Virus Hemagglutinins

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Materials

Name	Company	Catalog Number	Comments
NEXTERION® Slide H MPX-48	Schott	1091525	Microwell slides
ProScanArray Plus	PerkinElmer	discontinued	confocal microarray scanner
Innoscan 1100AL Scanner/Mapix Software	Innopsys	-	confocal microarray scanner
MicroGrid II	Digilab	-	microarray printer
SNA	Vector Labs	B-1305	Plant Lectin
ECA	Vector Labs	B-1145	Plant Lectin
Anti-Strep Antibody	IBA	2-1509-001	Antibody for HA binding
Anti-Mouse Alexa-647	Life	A-21235	Antibody for HA binding
Tween-20	Sigma	P2287	detergent
di-basic Sodium Phosphate	Sigma	255793	printing buffer component
mono-basic Sodium phosphate	Sigma	229903	printing buffer component
poly-L-lysine solution	Sigma	P8920	pre-spotting slide component
sodium hydroxide	Sigma	221465	pre-spotting slide component
ethanol	Sigma	493546	pre-spotting slide component
phosphate buffered saline	Corning	46-013-CM	incubation/washing buffer
SMP4B pins	Telechem	SMP4B	printing pin
Compressed Nitrogen (Grade5)	Praxair	UN1066	general dusting/drying tool
Boric Acid	Sigma	B6768-500G	Slide blocking reagent
ethanolamine	Sigma	E9508-500ML	Slide blocking reagent
Atto 488	AttoTec	AD 488-91	Gridmarker on array
PAA-LNLN	Consortium for Functional Glycomics	PA368	Spotted glycans
PAA-3SLNLN	Consortium for Functional Glycomics	PA362	Spotted glycans
PAA-6SLNLN	Consortium for Functional Glycomics	PA343	Spotted glycans
LNLN	Consortium for Functional Glycomics	Te98	Spotted glycans
3SLNLN	Consortium for Functional Glycomics	Te175	Spotted glycans
6SLNLN	Consortium for Functional Glycomics	Te176	Spotted glycans
384-well microtiter plate	Matrix TechCorp	4361	Printing plate
VWR lab marker	VWR	52877-150	Slide Numbering

Wheaton slide staining dish	Sigma	Z103969-1EA	Blocking and Drying
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