

Materials List for:

Measuring Influenza Neuraminidase Inhibition Antibody Titers by Enzyme-linked Lectin Assay

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Materials

Name	Company	Catalog Number	Comments
Coating buffer	KPL	50-84-01	
fetuin	Sigma	F3385	
5x MES, pH 6.5	KD-Medical	PBS-0134	
CaCl ₂	Sigma	C7902	
30% BSA	Sigma	A8327	
Tween 20	Sigma	P1379	
Lectin PNA-HRPO	Sigma	L7759	
PBS-T	Sigma	P3563-10PAK	
o-Phenylenediamine dihydrochloride	Sigma	P8287	
Phosphate-citrate buffer	Sigma	P4922	
Sulfuric acid	Sigma	258105	
96-well Maxisorp plates	NUNC	439454	
96-well round bottom well plates	NUNC	267245	
Plate sealers	Thermo Scientific	14-245-192B	
Chicken eggs	Charles River Laboratories	9 day old embryonated specific pathogen free (SPF) chicken eggs	
Multichannel pipette	Variety of suppliers e.g., Rainin, Eppendorf	8 or 12 channel manual pipette 50-250 µl volume	
Pipette tips	Depends on pipettor brand	Depends on pipettor brand	
Plate reader, with 490 nm filter	Perkin Elmer	Victor V	
Water bath set to 37 °C	Variety of suppliers	Variety of models	
Water bath set to 56 °C	Variety of suppliers	Variety of models	
Refrigerator set to 4 °C	Variety of suppliers	Variety of models	
Incubator set to 37 °C	Variety of suppliers	Variety of models	