

Materials List for:

Capsular Serotyping of *Streptococcus pneumoniae* by Latex Agglutination

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URL: <https://www.jove.com/video/51747>

DOI: [doi:10.3791/51747](https://doi.org/10.3791/51747)

Materials

Name	Company	Catalog Number	Comments
Microparticles based on polystyrene, 800 nm	Sigma	65984-10 ml-F	Or other volumes as required
Normal rabbit serum	Antibodies Australia	NRS-1ml	Or other volumes as required, bring to RT before use
Pneumococcus (Neufeld) antisera	SSI Diagnostica	Various	Bring to RT before use http://www.ssi.dk/ssidiagnostica
Sterile Bovine Albumin	Sigma	A-4503	Bring to rRT before use
Sodium azide 10% (v/v) solution	VWR International	ROAC3902/100ml	Caution: hazardous if inhaled; skin and eye irritant
Eppendorf Safe-Lock tubes, 2 ml	Eppendorf	0030 120.094	Round bottom
Sodium chloride	Merck	10241.AP	
Calibrated disposable inoculating loops 1 µl	Copan	CD175SO1	
Glass microscope slides 76 mm x 26 mm	Thermo Fisher Scientific	LBS 2950RC	
5 M NaOH	BDH	10252	Caution: highly corrosive
Glycine	Merck	10119.05	
Horse Blood Agar (HBA) plates	Thermo Fisher Scientific	PP2001	Bring to RT before use http://www.thermofisher.com.au
Rotating wheel	Wyble Engineering Development Corporation		
Polystyrene flat bottom screw cap tube, 5 ml	Technoplas	S5016SU	
60 ml syringes without needles	Terumo	SS-60L	
Millex-GP syringe filter unit, 0.22 µm	Merck Millipore	SLGP033RS	
Brochure on Neufeld antisera	Statens Serum Institut		Key to determining serotypes http://www.ssi.dk/ssidiagnostica
Key to pneumococcal factor serum	Statens Serum Institut	18058	For determining serotype within Groups http://www.ssi.dk/ssidiagnostica
*alternative sources are available for most materials			