




 <b>One Dorset Pathology</b>		<b>Title: A - Z of Microbiology tests (Q-T)</b>	
 Dorset County Hospital NHS Foundation Trust		Document No: B-MIC-D-68	
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<b>Department: Microbiology</b>		<b>Site: Bournemouth</b>	

Test	Specimen	Container	Required volume	Laboratory	Turnaround time	Additional information
Rabies investigations	<b>If rabies is suspected clinically, discuss URGENTLY with a Consultant Medical Microbiologist</b>					
Respiratory virus PCR	Nasopharyngeal swab (NPS)	NPS (available from laboratory or via Clinical Site outside of laboratory working hours)	N/A	RBH	Same day (if received within adequate time during working day)	<b>All requests MUST be discussed with Consultant Medical Microbiologist</b>
	Molecular multiplex PCR Film Array respiratory screen: (Results available within 2 hours of receipt of sample) <ul style="list-style-type: none"> <li>Adenovirus</li> <li>Coronavirus 229E</li> <li>Coronavirus HKU1</li> <li>Coronavirus NL63</li> <li>Coronavirus OC43</li> <li>SARS-CoV-2 (not included in laboratories accredited scope of practice)</li> <li>Human Metapneumovirus</li> <li>Influenza A</li> <li>Influenza A subtype H1,</li> <li>Influenza A subtype H3</li> <li>Influenza A subtype 2009 H1</li> <li>Influenza B, Parainfluenza Virus 1</li> <li>Parainfluenza Virus 2</li> <li>Parainfluenza Virus 3</li> <li>Parainfluenza Virus 4</li> <li>Rhinovirus/Enterovirus</li> <li>Respiratory Syncytial Virus</li> <li><i>Bordetella pertussis</i></li> <li><i>Chlamydia pneumoniae</i></li> <li><i>Mycoplasma pneumoniae</i>.</li> </ul>					
Rickettsial serology- Typhus or Spotted Fever	Blood (serum)	Clotted Blood (red top tube)	5-10 ml	Reference laboratory	7-14 days	<b>All requests MUST be discussed with Consultant Medical Microbiologist</b>  <b>Provide a full travel history.</b>
RSV – available as part of influenza screen						
Rubella serology (acute)	Blood (serum)	Clotted Blood (red top tube)	5-10 ml	Poole virology	24-48 hrs	<b>Please state if patient is pregnant.</b>
Rubella serology (immunity)	Blood (serum)	Clotted Blood (red top tube)	5-10 ml	Poole virology	24-48 hrs	
SARS-CoV-2 (Samba-point of care)	Nose/throat	Samba collection tube	NA	RBH	Same day (if received within adequate time during working day)	
SARS-CoV-2 (laboratory test)	Nasal	Dedicated kits available from the laboratory	NA	RBH	Same day (if received within adequate time during working day)	
Schistosomiasis microscopy	Faeces Urine (3 consecutive terminal urine samples collected at midday)	Sterile Universal Sterile Universal		RBH	24-48 hrs	
Schistosomal serology	Blood (serum)	Clotted Blood (red top tube)	5-10 ml	Reference laboratory	7-14 days	<b>Send at least 6 weeks post-exposure.</b>

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Seminal fluid for MC&S	Seminal fluid	Sterile Universal		RBH	72 hrs	
Sputum/ ETA/ BAL/ NBL	Respiratory secretions	Sterile Universal	5-10 ml	RBH	96 hrs turn around time may be extended to 7 days if extended incubation for fungi is clinically indicated	Please refer to Mycobacteria for TB investigation.  Specimens are rejected of >48 hrs old as sub optimal for the isolation of organisms.
Swabs for MC&S (skin/ wound etc)	Swab	Swab in Amies transport medium with charcoal.	N/A	RBH	48 hrs	If MRSA is also required, please indicate on request form
Syphilis serology	Blood (serum)	Clotted Blood (red top tube)	5-10 ml	Poole Virology	1-3 days	
	CSF (VDRL, TPPA)	Sterile Universal	1-2 ml	Reference laboratory	7 days	
TB investigations	<b>See under Mycobacteria</b>					
Teicoplanin levels	<b>See under Antibiotic Assays</b>					
Tetanus toxin serology	Blood (serum)	Clotted Blood (red top tube)	5-10 ml	Reference	7-14 days	<b>Collect before antitoxin given. Discuss with microbiology if suspected.</b>
Tissue/ Biopsy for MC&S	<b>See under Fluids</b>					
Thread worms	Place sellotape over perianal region	Transfer to clean microscope slide	N/A	RBH	24 hrs	Best taken early morning
Throat swabs	Swab in Amies transport medium with charcoal.	N/A	N/A	RBH	96 hrs May be extended if culture for Fusobacteria/ Arcanobacterium is indicated	
Toxocara serology	Blood (serum)	Clotted Blood (red top tube)	5-10 ml	Reference laboratory	7-14 days	
Toxoplasma serology (past exposure)	Blood (serum)	Clotted Blood (red top tube)	5-10 ml	Poole Virology		Please state if patient is pregnant.
Toxoplasma serology (acute/ current/ recent infection)	Blood (serum)	Clotted Blood (red top tube)	5-10 ml	Poole Virology		Please state date of onset/ exposure.  Please state if patient is pregnant.
Toxoplasma PCR	<b>Requires prior discussion with a Consultant Medical Microbiologist</b>					