

 One Dorset Pathology		Title: A - Z of Microbiology tests (I-L)	
 Dorset County Hospital NHS Foundation Trust		Document No: U-MIC-P-136	
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Department: Microbiology		Site: Bournemouth	

Test	Specimen	Container	Required volume	Laboratory	Turnaround time	Additional information
Influenza A/B/RSV/SARS-CoV-2 PCR	Nasopharyngeal/ nasal swab	Dedicated swab and viral transport medium for Flu PCR, available from the laboratory	n/a	RBH	same day to 1 day	
Legionella urinary antigen This test is only indicated in severe community-acquired pneumonia (CAP). Severe CAP has a CURB-65 score of 3 or more.	Urine	Sterile Universal	20 ml	RBH	same day	Tests from ward 2 ITU, HDU be performed if requested. Requests from other wards/ departments require prior discussion with a Consultant Medical Microbiologist
Leptospira isolation/ PCR				Reference		Requires prior discussion with a Consultant Medical Microbiologist
Leptospirosis serology (Weil's disease)	Blood (serum)	Clotted Blood (red top tube)	5-10 mls	Reference	7-14 days	Take sample 5-7 days after onset of symptoms. Please state date of onset or exposure and travel/ risk factors.
Lyme disease serology (Borreliosis) Please provide clear history including risk factors and date of symptom onset. See opposite – may be negative in early infection – refer to Lyme Disease Guidelines on the RBH Intranet (Policies, Procedures & Guidelines, Antibiotics & Infection)	Blood (serum)	Clotted Blood (red top tube)	5-10 mls	RBH	24 - 48hrs	Erythema migrans is a clinical diagnosis on the basis of symptoms, signs and a history of tick exposure. Serology may be negative acutely and should not be routinely performed to aid diagnosis. If there is diagnostic uncertainty, please send paired acute and convalescent (after 2-4 weeks) serum samples.
Lyme disease – CSF serology	CSF	Sterile Universal	1-2 mls	Reference laboratory	7 days	All requests must be discussed with the Consultant Medical Microbiologist
Lyme (Borrelia) PCR	CSF / Synovial fluid / Skin Biopsy	Sterile Universal	300-400µl minimum	Reference laboratory	7 days	
Lymphogranuloma venereum (LGV) serovars of Chlamydia trachomatis	Swab			Reference laboratory		All requests must be discussed with the Consultant Medical Microbiologist