

Contact Details

LCL Reference Lab Contact details				
Role	Bacteriology Clinical Lead	Brucella Clinical Lead	Service Manager	Quality Manager
Name / Title	Dr Jon Folb Consultant Microbiologist	Dr Alessandro Gerada Consultant Microbiologist	Angela Parker	Ines Santos
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Address	Liverpool Clinical Laboratories, 4 th Floor CSSB Liverpool University Hospital NHS Foundation Trust Mount Vernon Street, Liverpool, L7 8YE	Liverpool Clinical Laboratories, 4 th Floor CSSB Liverpool University Hospital NHS Foundation Trust Mount Vernon Street, Liverpool, L7 8YE	Infection and Immunity Service Lead, Liverpool Clinical Laboratories, 4 th Floor CSSB Liverpool University Hospital NHS Foundation Trust Mount Vernon Street, Liverpool, L7 8YE	Quality Department, Liverpool Clinical Laboratories, 5 th Floor CSSB Liverpool University Hospital NHS Foundation Trust Mount Vernon Street, Liverpool, L7 8YE
LCL service user website	https://www.liverpoolcl.nhs.uk/			

Accreditation status

	Accrediting Body	Medical laboratory Number
Accreditation	UKAS ISO:15189 accreditation	Microbiology: 9756 Virology: 9755
Link to certification	http://pathlabs.rlbuht.nhs.uk/accredfram.htm	

Quality Assurance

To assure our users of our continuing commitment to quality:

- We will inform our users of any adverse changes in performance, including poor performance notifications from our EQA provider
- We will inform our users of any assays (or associated comments) which we have reason to believe may not be reliable.
- We will inform our users of any circumstances that adversely affect the quality of results.
- We will inform our users of any circumstances that adversely affect our Turnaround times.
- We will inform our users of any changes that could affect the results or their interpretation.
- We will inform our users of any changes in the requirements of the sample type or sample volumes.
- We will inform our users of any changes to our contact details or service.

Test(s)	Brucella Serology Brucella PCR Brucella canis Serology (not accredited)
Sample requirements	5ml of sera or whole clotted blood CSF must be accompanied by sera sample
sample type	See above (do not send EDTA samples)
minimum volume requirements	5ml sera (see above)
Storage / transport requirements	Store at 4° (not on dry ice)
Reference range / units	Serology: IgG, IgM and MAG test = 20 – 2560 CAPT test = 160 – 20480 Titration only given PCR: Bcsp and IS711 targets Both targets negative = Negative result One target positive = Equivocal result Both targets positive = Positive result Brucella canis Serology: SAT = 25 – 12800 RSA Negative, + or ++
Turnaround Times	For Serology - 7 days (excluding time in post)

	<p>Due to the low volume of Brucella PCR tests performed, the PCR result may take up to 14 days starting at the date the reactive serology result is available.</p> <p>Please note that Brucella canis serology is subject to longer turn-around times.</p>
Reporting Arrangements	Paper reports
Details of relevant EQA scheme(s) in which we participate	<p>Brucella Serology:</p> <p>VETQAS – Animal and Plant Health Agency (APHA) independent, accredited, proficiency testing service provided by APHA Quality Assurance Unit.</p> <p>ESfEQA – European Society for External Quality Assessment</p> <p>Brucella PCR:</p> <p>Instand e.V</p>
Details of any poor performance received from the EQA provider	None received
Details of any other EQA issues within the last 12 months?	N/A
Tests in use	<p>Vircell BrucellaCAPT Total IgG and IgM test</p> <p>Vircell ELISA IgG</p> <p>Vircell ELISA IgM</p> <p>In-house Micro-agglutination test</p> <p>In-house Brucella spp PCR</p> <p>Brucella canis SAT (performed by APHA Brucella reference lab)</p> <p>Brucella canis RSA (performed by APHA Brucella reference lab)</p>

Feedback:

Service users are encouraged to provide feedback (including complaints and compliments) regarding the service they receive, including enquiries and complaints, which in turn will help us to respond to the needs of our service users. The laboratory will endeavour to provide a timely and appropriate response to such feedback.

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