



## BACTERIOLOGY SERVICE OFFER

### CLINICAL SAMPLES

<i>Pathogen</i>	<i>Analysis</i>	<i>Analytical method</i>	<i>Suitable sampling material<sup>2</sup></i>	<i>Frequency</i>	<i>Duration</i>	<i>accr. meth.<sup>1</sup></i>
<b><i>Bacillus anthracis</i></b>	Culture	culture	swab (vesicles, eschar, nose, pharynx), blood culture, skin biopsy, CSF, pleura, respiratory sample, secretion (haemorrhagic)	Mo-Fr	approx. 3 days <sup>2</sup>	no
	Molecular biology	real-time PCR	swab (vesicles, eschar, nose, pharynx), blood, skin biopsy, CSF, pleura, respiratory sample, secretion (haemorrhagic)	Mo-Fr	≤2 days	yes
<b><i>Brucella spp.</i></b>	Culture	culture	abscess material, blood culture, joint punctuation, bone marrow, liver biopsy, CSF, lymph node, spleen biopsy	Mo-Fr	approx. 14 days <sup>2</sup>	no
	Molecular biology	real-time PCR	abscess material, blood, joint punctuation, bone marrow, liver biopsy, CSF, lymph node, spleen biopsy	Mo-Fr	≤2 days	yes
<b><i>Burkholderia mallei</i></b>	Culture	culture	swab (wound), abscess material, blood culture, bone marrow, respiratory sample, urine	Mo-Fr	approx. 10 days <sup>2</sup>	no
	Molecular biology	real-time PCR	swab (wound), abscess material, blood, bone marrow, respiratory sample, urine	Mo-Fr	≤2 days	no
<b><i>Burkholderia pseudomallei</i></b>	Culture	culture	swab (wound), abscess material, blood culture, bone marrow, respiratory sample, urine	Mo-Fr	approx. 3 days <sup>2</sup>	no
	Molecular biology	real-time PCR	swab (wound), abscess material, blood, bone marrow, respiratory sample, urine	Mo-Fr	≤2 days	yes
<b><i>Coxiella burnetii</i></b>	Molecular biology	real-time PCR	blood, endocardium biopsy, bone marrow, liver	Mo-Fr	≤2 days	yes

<sup>1</sup> accredited method;

<sup>2</sup> depends on proliferation rate of pathogen

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			biopsy, CSF			
<b><i>Francisella tularensis</i></b>	Culture	culture	swab (conjunctiva, throat), blood culture, CSF, lymph node, respiratory sample, ulcer material, urine	Mo-Fr	approx.14 days <sup>2</sup>	no
	Molecular biology	real-time PCR	swab (conjunctiva, throat), blood, CSF, lymph node, respiratory sample, ulcer material, urine	Mo-Fr	≤2 days	yes
<b><i>Yersinia pestis</i></b>	Culture	culture	bubonic aspirate, blood culture, CSF, lung biopsy, lymph nodes, respiratory sample	Mo-Fr		no
	Molecular biology	real-time PCR	bubonic aspirate, blood, CSF, lung biopsy, lymph nodes, respiratory sample	Mo-Fr	≤2 days	yes

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<sup>2</sup> depends on proliferation rate of pathogen