

BACTERIOLOGY SERVICE OFFER

CLINICAL SAMPLES

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

¹accuracy of method; ²depends on proliferation rate of pathogen

Pathogen	Analysis	Analytical method	Suitable sampling material	Frequency	Duration	acc. ¹
<i>Coxiella burnetii</i>	Molecular biology	real-time PCR	blood, endocardium biopsy, bone marrow, liver biopsy, CSF	Tue, Fri	≤2 days	yes
<i>Francisella tularensis</i>	Culture	culture	swab (conjunctiva, throat), blood culture, CSF, lymph node, respiratory sample, ulcer material, urine	Tue, Fri	approx. 14 days ²	no
	Molecular biology	real-time PCR	swab (conjunctiva, throat), blood, CSF, lymph node, respiratory sample, ulcer material, urine	Tue, Fri	≤2 days	yes
<i>Yersinia pestis</i>	Culture	culture	bubonic aspirate, blood culture, CSF, lung biopsy, lymph nodes, respiratory sample	Tue, Fri		no
	Molecular biology	real-time PCR	bubonic aspirate, blood, CSF, lung biopsy, lymph nodes, respiratory sample	Tue, Fri	≤2 days	yes

¹ accredited method; ² depends on proliferation rate of pathogen