Schedule of Accreditation

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Testing performed by the Organisation at the locations specified below

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity	Location code
Address: Department of Microbiology St John's Hospital Howden Road West Livingston Scotland EH54 6PP	**Local contact:** Linda Mulhern Tel: +44 (0)131 242 6017	**Microbiology:** Bacteriology	A
Department of Microbiology Royal Infirmary of Edinburgh 51 Little France Crescent Edinburgh EH16 4SA	**Local contact:** As above	**Microbiology:** Bacteriology	B

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES AND FLUIDS	Microbiological examination activities for the purpose of clinical diagnosis	In House documented methods based on related UK Standards for Microbiology Investigations' (SMIs)	
Swabs and Pus	General isolation and characterisation of microorganisms of clinical significance	Manual culture of skin and soft tissue swabs: – BACT-S-1 – BACT-R-37	A, B
		Manual culture of genital tract specimens: – BACT-A-3	A, B
		Manual culture of specimens for Anthrax: – BACT-A-2	A, B
		Manual culture for *Actinomyces:* – BACT-S-37 – BACT-R-25	A, B
Sterile Fluids	General isolation and characterisation of microorganisms of clinical significance	Manual culture of CSF specimens: – BACT-A-16	A, B
		Manual culture of joint fluids: – BACT-S-27 – BACT-R-34	A, B
		Manual culture of other sterile fluids: – BACT-S-27 – BACT-R-25	A, B
Tissue and bone	General isolation and characterisation of microorganisms of clinical significance	Manual culture of tissue and bone: – BACT-S-5 – BACT-R-25 – BACT-R-34	A, B
Blood cultures	General isolation and characterisation of microorganisms of clinical significance	Manual culture of organisms from blood culture bottles flagged as positive by the BacT/ALERT: – BACT-A18	A, B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES AND FLUIDS (cont'd)	Microbiological examination activities for the purpose of clinical diagnosis (cont'd)	In House documented methods based on related UK Standards for Microbiology Investigations' (SMIs)	
Respiratory specimens	General isolation and characterisation of microorganisms of clinical significance	Manual culture of respiratory specimen: – BACT-A-29	A, B
		Automated culture of respiratory specimens using the BD Kiestra TLA: – BACT-R-293	B
Enteric specimens	General isolation and characterisation of microorganisms of clinical significance	Manual culture of enteric specimens: – BACT-S-30 – BACT-R-198	A, B
		Automated culture of enteric specimens using the BD Kiestra TLA: – BACT-R-293	B
Urine specimens	General isolation and characterisation of microorganisms of clinical significance	Manual culture of urine specimens: – BACT-R-39	B
		Automated culture of urine specimens using the BD Kiestra TLA: – BACT-R-293	B
MRSA screening specimens	Isolation of MRSA	Manual culture of specimens for MRSA: – BACT-A-17	A, B
		Automated culture of MRSA screening specimens using the BD Kiestra TLA: – BACT-R-293	B
CPE screening specimens	Isolation of Carbapenemase Producing Enterobacteriaceae (CPE)	Manual culture of specimens for CPE: – BACT-A-9	A, B
Intravascular and associated specimens	General isolation and characterisation of microorganisms of clinical significance	Manual culture of intravascular tips: – BACT-S-6 – BACT-R-25	A, B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES AND FLUIDS (cont'd)	Microbiological examination activities for the purpose of clinical diagnosis (cont'd)	In House documented methods based on related UK Standards for Microbiology Investigations' (SMIs)	
Organism isolated from any site listed above	Identification of isolated organism	Automated method using Vitek 2: – BACT-S-2 – BACT-R-230	A, B
		Automated method using Bruker MALDI-ToF: – BACT-R-31 – BACT-S-181	A, B
		Conventional methods: – BACT-A-1	A, B
Organism isolated from any site listed above	Antimicrobial susceptibility testing of isolated organisms	Manual AST procedures following EUCAST methodology: – BACT-S-10 – BACT-R-229 – BACT-R-235 – BACT-R-236 – BACT-R-240	A, B
		Automated AST using Vitek 2 and EUCAST methodology: – BACT-S-2 – BACT-R- 229 – BACT-R-230 – BACT-R-231	
Pus, Tissue, Bone, Fluids, CSF, Blood Cultures and genital specimens	Detection and characterisation of microorganisms	Staining (Gram) and Microscopy: – BACT-S-8 – BACT-R-28	A, B
CSF, Ascitic fluid	Detection and quantification of white and red blood cells including white blood cell differentiation	Cell counts using manual microscopy of CSF and Ascitic: – BACT-A-16 – BACT-R-25 – BACT-S-27	A, B
PD fluids		Cell counts using manual microscopy of PD fluids: BACT-R-25	B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES AND FLUIDS (cont'd)	Microbiological examination activities for the purpose of clinical diagnosis (cont'd)	In House documented methods based on related UK Standards for Microbiology Investigations' (SMIs)	
Urines	Detection and semiquantitative analysis of white and red blood cells, presence/ absence of casts and presence/ absence of bacteria	Quantification of urine cell components using manual microscopy: – BACT-S-4 – BACT-R-39	A, B
Joint aspirates	Detection and semiquantitative analysis of white and red blood cells, presence/absence of crystals and presence/ absence of bacteria	Manual microscopy: – BACT-S-27 – BACT-R-34	B
Genital specimen	Detection and semiquantitative analysis of white blood cells, presence/ absence of *Trichomonas vaginalis* and presence/ absence of Clue Cells	Wet-film using manual microscopy: BACT-A-3	B
Enteric specimen	Detection of Ova, Cysts and Parasites	Manual and Phase Contrast Microscopy using formal ether concentrate method (Parasept): – BACT-S-30 – BACT-R-198	A, B
Enteric samples	Detection of *Cryptosporidium* oocysts	Staining (Modified Ziehl Neelsen) and microscopy: – BACT-A-27	A
		Staining (Auramine-Phenol) and fluorescent microscopy: – BACT-A-27	B
Blood Cultures	Detection of microorganisms of clinical significance	Automated method using BacT/ALERT and Examination of Blood Culture SOP: – BACT-A-18	A, B
Enteric specimen	Detection of *Clostridioides difficile* GDH antigen and Toxins A & B	Screening for GDH and Toxins A and B using TechLab CHEK -60 (GDH) and TechLab Tox A/B II (Toxins A & B) kits using the automated Dynex DS2 ELISA machine: – BACT-A-7	A, B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES AND FLUIDS (cont'd)	Microbiological examination activities for the purpose of clinical diagnosis (cont'd)	In House documented methods based on related UK Standards for Microbiology Investigations' (SMIs)	
Enteric samples	Detection of *Helicobacter pylori* antigen.	Screening for *H. pylori* faecal antigen using Oxoid Amplified IDEIA Hp stAR kit using the automated Dynex DS2 ELISA machine: – BACT-S-90	A
Urine	Detection of *Legionella pneumophila* serotype 1 urinary antigen	Screening for *L. Pneumophila* serotype 1 urinary antigen using Alere BinaxNOW *Legionella* Urinary Antigen card: – BACT-S-9	A
Skin, nail and hair	Detection of dermatophyte fungi of clinical significance	Manual microscopy by KOH/DMSO and lactophenol cotton blue: – MYCOL-18	B
Skin tapes	Detection and identification of dermatophyte fungi of clinical significance	Manual microscopy by Parkers blue/black 'Quink' Ink: – MYCOL-19	B
Respiratory samples/deep tissues	Detection and characterisation of dermatophyte fungi of clinical significance	Manual fluorescent microscopy by Calcofluor white and Evans blue: – MYCOL-20 – MYCOL-22	B
CSF, Environmental samples, Stools, Fluids, Oesophageal brushings, Peritoneal dialysis fluid, Swabs, Deep tissues	Culture of yeast of clinical significance	Manual culture: – MYCOL-12 – MYCOL-13 – MYCOL-14 – MYCOL-15 – MYCOL-16 – MYCOL-17 – MYCOL-21 – MYCOL-22	B
Respiratory samples	Culture for filamentous fungi of clinical significance	Manual culture: – MYCOL-20	B
Skin, nail and hair	Culture for dermatophytes of clinical significance	Manual culture: – MYCOL-18 – MYCOL-19	B

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN TISSUES AND FLUIDS (cont'd)	Microbiological examination activities for the purpose of clinical diagnosis (cont'd)	In House documented methods based on related UK Standards for Microbiology Investigations' (SMIs)	
Yeast isolated from any site listed above	Identification of yeasts of clinical significance	Conventional methods: – MYCOL-25 – MYCOL-26	B
		Automated method using Bruker MALDI-ToF: – BACT-R-31	B
Yeast isolated from any site listed above	Identification of filamentous fungi of clinical significance	Conventional methods: – MYCOL-20	B
		Automated method using Bruker MALDI-ToF: – BACT-R-31	B
Yeast isolated from any site listed above	Identification of dermatophytes of clinical significance	Conventional methods: – MYCOL-18	B
		Automated method using Bruker MALDI-ToF: – BACT-R-31	B
Yeast isolated from any site listed above	Susceptibility of yeasts of clinical significance	Manual antifungal susceptibility procedures using micro-broth dilution following EUCAST methodology: – MYCOL-33	B
		Manual antifungal susceptibility testing using CLSI disc methodology: – MYCOL-8	B
CSF and serum	Cryptococcal antigen testing	Manual Lateral Flow Assay using IMMY CrAg LFA kit: MYCOL-11	B
END			