

Request under Freedom of Information Act 2000

Thank you for your request for information which we received on 09 October 2018.

I am pleased to confirm the following.

1. What numbers of staff do you have in your Microbiology department?

This number does not equate WTE

Manager x 1
Chief Biomedical Scientist (BMS) x 1
Senior BMS x 5
Band 6 BMS x 12
Trainee BMS x 1
Associate Practitioners x 8
Associate Practitioner Sexual Health Clinic x 3
Assistant Technical Officers x 10

2. What grades of staff do you have in your Microbiology department?

The current laboratory team structure consists of the following grades.

Job Title	Band
Laboratory Consultants	
Manager	8b
Chief Biomedical Scientist (BMS)	8a
Senior BMS	7
Specialist BMS/BMS	6
BMS (Trainee)	5
Associate Practitioners (AP)	4
Assistant Technical Officer (ATO)	3
Medical Secretaries	4
Business Support Officer	4

3. Do you have an IT Lead / Training Lead / Quality Lead? If so what grade(s) are they?

Overall Pathology IT lead supported by Chief BMS (8a), Training Lead Senior BMS (Band 7), Overall Path Quality Lead, Quality Manager (Band 8a) supported by microbiology team.

4. What is your workload in requests / tests?

Processing in excess of 200,000 sample requests per annum, approximately 554,000 tests.

5. What is your test repertoire?

Microbiology Test Repertoire

1. Bacteriological and Virological diagnosis
2. Advice on antimicrobial treatment and prophylaxis
3. Pregnancy tests
4. Advice on epidemiology and prevention of infection including control of Hospital infection

Antibiotic Assays

Biopsies for culture and sensitivity

Helicobacter pylori culture from gastric biopsy:

Blood Cultures

Bone marrow cultures

Bronchoscopic cultures

Cerebrospinal fluid (CSF)

Chlamydia trachomatis/Neisseria gonorrhoeae CT/NG testing:

Samples for Chlamydia PCR testing:

Faeces

Pseudomembranous colitis/*Clostridium difficile* toxin A and B

MRSA

Screening for CPE (Carbapenemase producing Enterobacteriaceae)

Screening for ESBL (Extended Spectrum Beta-Lactamase producers)

Mycology

Nasopharyngeal aspirate for RSV antigen detection or viral PCR

Pregnancy Tests

Sputum

Swabs

Wound, nose, ENT swabs

Genital tract swabs

High vaginal swabs (HVS)

Cervical swabs

Urethral swabs

Rectal swabs

Throat swabs

Herpes simplex

Chlamydia PCR

Intrauterine contraceptive devices (IUCDs)

Fluids and pus

Pernasal and postnasal swabs for whooping cough

Swabs for Viral investigation:

CMV PCR Swab –

Urines

Urine Microscopy, Culture & Susceptibility

Urine for *Salmonella typhi* and *Salmonella paratyphi* cultures

Early morning urine for TB culture

Legionella antigen:

Pneumococcal antigen

Urine for *Schistosoma haematobium* detection

Virus detection

Salivary swabs for CMV PCR (neonates and infants only).

Viral and other infectious disease serology

Ante-Natal Patient with rash illness/in contact with rash illness:

Routine ante-natal infectious disease screening

HIV Antibodies

Requesting of Hepatitis Tests:

Hepatitis A:

Hepatitis B:

Hepatitis C:

TB T spot (Elispot) IGRA test

6. What sections do you have in your Microbiology department?

Routine Microbiology (Bacteriology) – at containment levels 2 and 3

Enteric Laboratory / Parasitology

ID/sens bench

Blood Cultures/CSF's

Swabs

Urine analysis

Molecular biology

Virology/Serology

Mycology

Satellite Sexual Health Clinic

7. What automation do you use in your Microbiology department?

Cepheid Genexpert

VITEK 2 Compact

Bactec

BacTAlert

Iris IQ200 Sprint x2

VIDAS

DS2

Diasorin Liason XL

DXi 800

Cobas 4800

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If you need any further assistance, please do not hesitate to contact us at the address above.

Yours sincerely,

Freedom Of Information Co-ordinator
For and on behalf of Milton Keynes Hospital NHS Foundation Trust

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