

A Microbiology request form

A Microbiology request form uses a number of abbreviations for specimen types (see Appendix II on page 131 for an explanation of these abbreviations).

Date collected .../.../...
 Time collected (24hr)

<input type="checkbox"/> MSU	<input type="checkbox"/> Nose sw	<input type="checkbox"/> Blood Culture
<input type="checkbox"/> CSU	<input type="checkbox"/> Throat sw	<input type="checkbox"/> Clotted Blood
<input type="checkbox"/> Urine – Other, specify	<input type="checkbox"/> Axilla sw	<input type="checkbox"/> EDTA blood
<input type="checkbox"/> Urine first voided – for chlamydia	<input type="checkbox"/> Groin sw	<input type="checkbox"/> CSF
<input type="checkbox"/> Faeces	<input type="checkbox"/> Eye sw	
<input type="checkbox"/> Sputum	<input type="checkbox"/> Endocervical sw	
<input type="checkbox"/> NP secretions	<input type="checkbox"/> Sw in Virus TM* (give site)	
<input type="checkbox"/> BAL	<input type="checkbox"/> Sw for chlamydia (give site)	
<input type="checkbox"/> Induced sputum	*special medium	

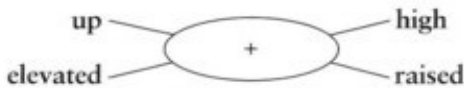
Other:

B A Biochemistry and Haematology lab report

	Value	Range	Unit
Full blood count (FBC)			
Haemoglobin (Hb)	143	115–165	g/L
Haematocrit (HCT)	0.224	0.37–0.47	L/L
Mean cell volume (MCV)	72.5	78.0–98.0	fL
White cell count (WCC)	7.4	4.0–11.0	10 ⁹ /L

	Value	Range	Unit
Urea and electrolytes (U&E)			
Urea	4.5	2.5–6.6	mmol/L
Creatinine	58	60–120	umol/L
Sodium (Na)	138	135–145	mmol/L
Potassium (K)	4.5	3.6–5	mmol/L
Liver function test (LFT)			
Bilirubin	7	3–16	umol/L
ALT	9	10–50	U/L
Alkaline Phosphatase (Alk.Phos)	131	40–125	U/L

C Terms used to describe lab results



When the results are within the normal range, doctors say:

Potassium is within normal limits. normal. unremarkable.

Unit abbreviation	Full form
g/L	grams per litre
L/L	litres per litre
10 ⁹ /L	times ten to the power nine per litre
fL	femtolitres
mmol/L	millimols per litre
umol/L or μmol/L	micromols per litre
U/L	units per litre

35.1 Write the name of the specimen for each of the suspected conditions. Look at A opposite to help you.

Suspected condition	Specimen
anaemia	
bacterial conjunctivitis	
genital herpes	
meningitis	
septicaemia	
urinary infection	
urinary infection (catheter in place)	

35.2 Complete the sentences describing the results of the report in B opposite. Look at C opposite to help you.

- 1 Haemoglobin is, one hundred and forty-three per litre.
- 2 Creatinine is slightly, fifty-eight litre.
- 3 Alkaline Phosphatase is, one hundred and thirty-one
- 4 ALT is slightly reduced, nine
- 5 Bilirubin is, seven

35.3 Write full descriptions of the following results from a case history. Look at B and C opposite and at 35.2 above to help you.

Na 138, K 4.5, WCC 12.2, HCT 0.224, MCV 72.5, Alk.Phos 72, ALT 9

Sodium is normal, one hundred and thirty-eight millimoles per litre.....

