I-STAT PERFORMING A PATIENT TEST (WACHS)

i-STAT: Performing cTnI Test.

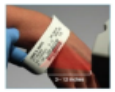
1. Remove iSTAT from the dock and place on a flat surface to perform the testing.

A: Turn on the i-STAT

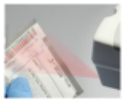
B: Press **2 – i-STAT Cartridge**

C: Scan or Enter your **Operator ID** (HE Number)

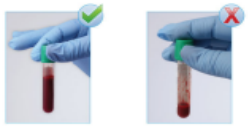
D: Scan or Enter **Patient ID** (UMRN)



E: Scan the **Cartridge Lot barcode**



2 Collect sample into a heparinised tube or syringe. **Fill it to capacity**.



3 Mix the sample thoroughly. Inadequate mixing will affect results.

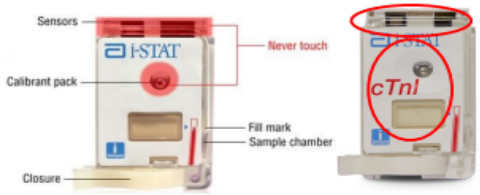
4 Discard first few drops.

5 Immediately fill using a hanging drop and close the cartridge.

6 Insert the cartridge into the i-STAT.

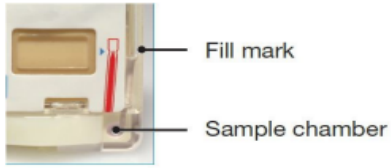
NOTE: False positives or negatives can result from testing underfilled samples or EDTA tubes.

IMPORTANT TIPS for i-STAT Cartridges

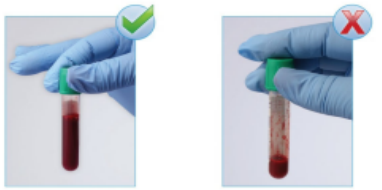


DO NOT touch the cartridge on the electrodes or the white label (circled).

Apply a single hanging drop to the well without touching the cartridge with the tip of the syringe. The sample will be drawn up to the fill mark.



Once blood has been dispensed up to the fill mark, slide across the closure.



Heparinised whole blood is the only sample type that can be used on the i-STAT. Collection tubes and syringes must ALWAYS be filled to correct volume (at least ½ full).

i-STAT: Performing a Patient Test – CHEM8 or CG4+

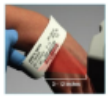
1 Remove iSTAT from the dock and place on a flat surface to perform the testing.

A: Turn on the i-STAT

B: Press **2 – i-STAT Cartridge**

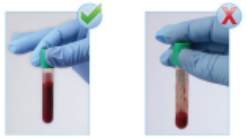
C: Scan or Enter **Operator ID** (HE Number)

D: Scan or Enter **Patient ID** (UMRN)



E: Scan the **Cartridge Lot barcode**

2 Collect sample into a heparinised tube or syringe. **Fill it to capacity**.



3 Mix the sample thoroughly. Inadequate mixing will affect results.

4 Discard first few drops.

5 Immediately fill by placing the tip of the syringe in the well and close the cartridge.

6 Insert the cartridge into the i-STAT.

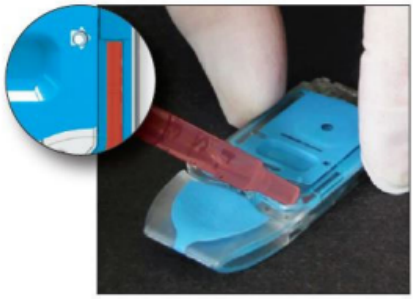
NOTE: Haemoglobin is a calculated value only and may vary as much as 15 g/L from the Hb measured on a Haematology analyser. If there is a clinical concern requiring an accurate Haemoglobin value, a sample should be submitted to the laboratory.

IMPORTANT TIPS for i-STAT Cartridges

Take care to only hold the thumbwell at the base of the new blue cartridges.

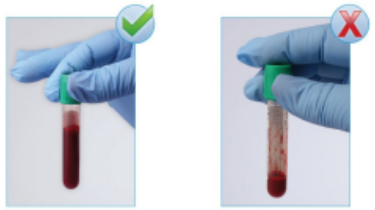
DO NOT touch anywhere on the upper blue coloured assembly or on the electrodes (circled).

On the CG4+ & CG8+ cartridge, DO NOT touch anywhere on the electrodes or the white label (circled).



Insert the syringe tip into the sample well and slowly twist and push the plunger until the sample reaches the fill mark.

Once blood has been dispensed up to the fill mark, flip the closure across to seal the sample well, pushing down on the clear plastic end section of the closure tab.



Heparinised whole blood is the only sample type that can be used on the i-STAT. Collection tubes and syringes must ALWAYS be filled to capacity (at least ½ full).