

GENERAL GUIDELINES FOR POCT TESTING SITES:

1. All patient testing results must be:
 - in the log
 - reported to the physician
 - in the patient's chart.
2. All QC results must be in the log. Check it before doing any patient testing.
3. Lot numbers of reagents and controls must be in the log.
4. Reference range ("normal") sheets must be in the patient chart. The sheets will be updated as required.
5. All testing personnel (including docs) will initial the Testing Log for any testing performed. A legible signature is required at least once per Testing Log sheet.

Physicians must review all results

POCT clinical coordinator must review the logs weekly, and send them to the POCT office monthly.

HEMOCCULT - GUAIAAC TESTING – SCREENING FOR FECAL OCCULT BLOOD

1. Don't test if hematuria, bleeding hemorrhoids, or menstrual blood are present.
2. Let fresh specimens dry for 5 minutes.
3. Dry samples are stable for 2 weeks at room temp.
4. Open flap in back of the slide and apply 2 drops of Hemocult developer to each smear.
5. Use Hemocult Developer (Yellow cap) with Hemocult cards ONLY. Hemocult Sensa use a different developer (Blue cap) with different chemical properties.
6. Read results visually **within 60 seconds**. Any trace of blue color is positive.
7. **After patient results are noted**, apply one drop of developer between the positive and negative monitor areas.
8. Read Internal QC results **within 10 seconds**. Positive should be blue, negative not blue.
9. If QC isn't right, the patient results are NOT VALID and can't be reported. Record that in the testing log and let the supervisor know. Discard the bottle of reagent IMMEDIATELY.
10. If QC is OK, record patient results in the test log.

QUIDEL QUICK-VUE URINE PREGNANCY

1. Quality control must be run when the kit is opened and at least once per month. **Check the log** and do QC if it wasn't done yet.
2. Write the patient or control name on each cassette.
3. Put on gloves.
4. Put 3 drops into the sample well.
5. Wait **three minutes** (not longer) and read:
 - Pos – Lines at T and C
 - Neg – Line at C
 - No result – No blue line at C – **Do not report the result.**
6. Complete the testing log (whether test was successful or not).
7. If Quality Control is not correct, consult procedure manual. **Do not test patients.**



ABBOTT RAPID STREP TESTING ON THROAT SWABS

1. Run Controls when **each new kit** is opened **or each 30 days whichever is shorter**,
2. Put 3 drops of Reagent 1 to the Test Tube. It should be pink.
3. Add 3 drops of Reagent 2 to the tube. It should turn light yellow.
4. For controls, mix vigorously and put one drop into the tube.
5. Immediately put the patient's swab into the tube. (Use a clean swab for the control.)
6. Mix vigorously; rotate swab at least ten times against the side of the tube.
7. Let stand for **one minute**.
8. Squeeze liquid from swab and discard it.
9. Put absorbent end of LabStrip into the Tube. (Recap strip bottle)
10. **Read the result after five minutes:**
 - If the red Control is not visible, the test result is not valid.
 - If background color is present, the test result is not valid
 - A blue Test Line, and a red Control Line, is a positive result (even before 5 minutes).
 - A red Control line with no blue Test Line at 5 minutes is a negative result.
11. Record result (or that result is not valid) on the log.

WHOLE BLOOD GLUCOSE USING THE MEDISENSE PRECISION PCX SYSTEM

1. Run Quality Control once a day. **If it hasn't been done yet, you must do it.**
2. Record the test in the log book.
3. Press 2 for Control (or Proficiency) Test; Press 1 for patient sample.
4. Scan your Operator ID.
5. Scan or enter sample or Patient ID
6. Scan the test strip.
7. **Tear up or down** to open the strip pack. Insert with the contact bars facing up.
8. For patients, select 1- Capillary/Arterial.
9. Apply a drop of blood, or gently mixed control or proficiency solution (and then recap tightly).
10. Record the result.
11. If a control FAILS, check the manual for more information. If it passes, Press 1 or Menu.
12. If a patient result is <70 or >400 repeat **and** check the manual for what else to do.

URINALYSIS DIPSTICK - BAYER MULTISTIX

Label the container before giving it to the patient, or have the patient label it.
Refrigerate urine if not tested within an hour.

The reagent strip bottle must be closed tightly.

1. Quality control must be run once per day. Check the log to see if you need to do it.
2. Wear gloves when testing patients.
3. Mix urine or control well immediately before testing.
4. Remove one strip from bottle and replace cap.
5. Completely immerse reagent areas with urine or control.
6. Remove excess urine from strip.
7. Proper read time is critical for optimal results. Read starting from the end nearest the handle:
 - Glucose and bilirubin *at 30 seconds* after dipping
 - Ketone test *at 40 seconds*
 - Specific gravity *at 45 seconds*
 - pH, protein, urobilinogen, blood and nitrite *at 60 seconds*
 - Leukocytes *at 2 minutes*.
8. Record results in log. If quality control is not correct, DO NOT test patients.