HemoScreen
Patient Test Procedure

Austin HEALTH | Pathology

Before testing, register the patient with a UR number before. If this is not possible, use the UR Number **999999999.**
If DOB is unknown, enter **01/01/1900. Complete a POCT Reconciliation Form.**
If an **incorrect UR** is entered, results may go to the wrong patient record. **Contact your supervising lab immediately**, complete a POCT Reconciliation form, and send it to poc@austin.org.au

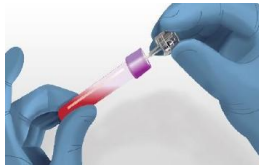
999999999

1 Turn on HemoScreen to display the home screen.



2 Remove the cartridge from the wrapper. Immediately before use, invert the purple EDTA tube continuously for 30 seconds to mix the blood. This step is essential for accurate results. **Only the Purple Tube (EDTA) is acceptable for testing.**

3 Insert the pointed spike of the HemoCup into the tube's septum.



4 Invert the tube and push down 3-4 times, so that 3 drops of blood are formed in the cup.



5 Insert the capillary into the blood in the HemoCup and allow the blood to draw into the capillary until full. Repeat for the second capillary.



6 Once full, keep the sampler level and avoid touching the capillary ends. Check for air bubbles. If present, discard and repeat Step 5.

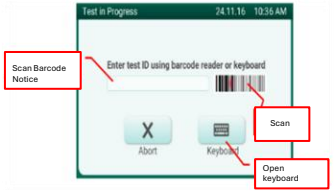
7 Insert the Sampler into the cartridge and push until you hear a click.



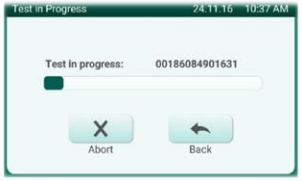
8 Select Test, then scan or enter your Operator ID. Wait for 'Insert Cartridge' to appear, then insert the cartridge.



9 When the 'Test in Progress' screen appears, enter or scan the UR number, select Male or Female, then press Save.



10 Check the UR number displayed on screen. If incorrect, press Back and update the UR number.



11 Results will display after 6 minutes. Press Print.
The cartridge will eject automatically.

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Review the results using the following information.

- Results **out of the Normal Range** appear **bold and underlined**
- **If Hb is <80 or Platelets <100** the tube must be checked for a clot. If a clot is detected notify the Lab and collect a fresh tube and repeat testing.
- Check printout for any **Critical results (report immediately)** and Significant results (report ASAP).
- Contact the Lab for assistance with any **unexpected results**
- If the message '**FURTHER TESTING IS RECOMMENDED'** appears below the results, request a Lab FBE and send the tube with the request form to the Lab.
- If **LL, HH** or **---** appears, urgently repeat the test with a new blood sample. If the same results reappear, request an **urgent** lab FBE.

Critical and Significant Limits		
Adults (more than 16 years)		
Result	**Threshold**	**Level**
HGB - Haemoglobin g/L	Less than 70	Critical
HGB - Haemoglobin g/L	Less than 80	Significant
HGB - Haemoglobin g/L	More than 190	Significant
WBC – White Cell Count x10^9/L	More than 50	Significant
NEUT# - Neutrophil Countx10^9/L	Less than 0.7	Critical
PLT – Platelet Count x10^9/L	Less than 20	Critical
PLT – Platelet Count x10^9/L	Less than 50	Significant
PLT – Platelet Count x10^9/L	Less than 80 If Pregnant	Critical

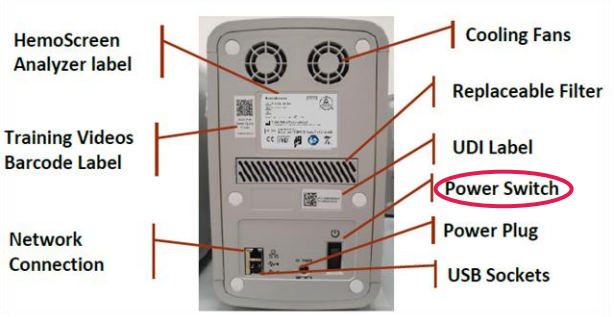
Note: The HemoScreen is only validated for patients 16 years or older.

Errors/Troubleshooting

If error messages appear during testing, **follow the instructions on the screen**.
Examples of action required include:

- Repeat test with a new cartridge
- Repeat test with a new blood sample
- Restart the device – press and hold **Power Switch** at rear of device for two seconds.

If errors persist, contact Supervising Lab for advice



Safety

1. This procedure involves the handling of human biological specimens.
2. Staff must adhere to relevant safety protocol including the wearing of appropriate personal protective equipment

References

LWI-HAUT-922 Haematology Critical Limits
SOP-POC-008 Pixcell HemoScreen Standard Operating Procedure
MGM-POC-021 PixCell HemoScreen Instructions
For Use EU-EL-00003 09th Ed. June24