

HemoScreen Quick Guide



Analyzer



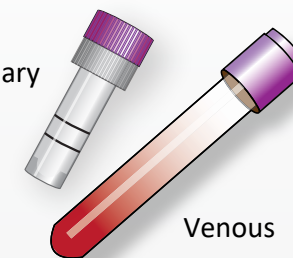
Cartridge

Sampler

The HemoScreen is a point-of-care (POC) automated hematology analyzer intended for the enumeration and classification of the following parameters in capillary and venous whole blood (K2EDTA anticoagulated): WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW, PLT, MPV, NEUT%, NEUT#, LYMP%, LYMP#, MONO%, MONO#, EO%, EO#, BASO%, and BASO#. The HemoScreen is for in vitro diagnostic use in clinical laboratories and/or POC settings for adults and children at least 2 months of age.

Items Needed for Venous and Capillary Blood Sampling

Capillary



Venous

K₂ EDTA (purple top tube)
anticoagulated whole blood

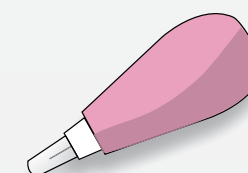


Transfer Pipette



A clean hydrophobic surface

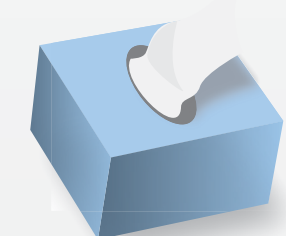
Additional Items Needed for Capillary Blood Sampling



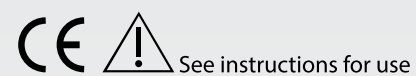
Lancet



Alcohol swab



Dry Gauze pad/Kimwips



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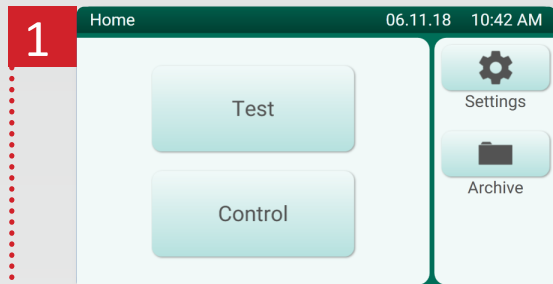
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EU-EL-00001-06 HemoScreen Quick Guide



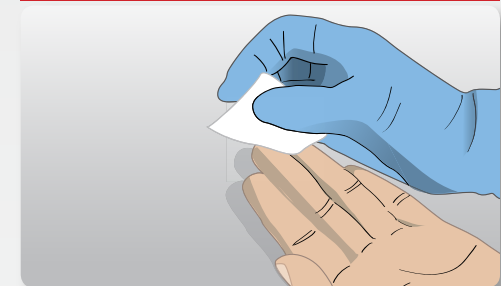
Make sure that the HemoScreen is ON and the home screen is displayed.



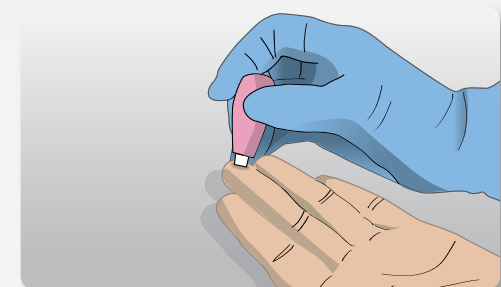
Open one Cartridge package and use one Sampler from the samplers tray. Make sure that the parts are not broken.

3 Blood Sampling

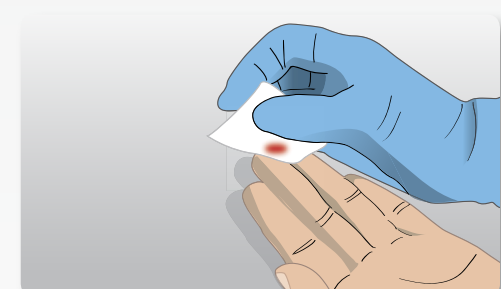
3.1 Capillary Blood



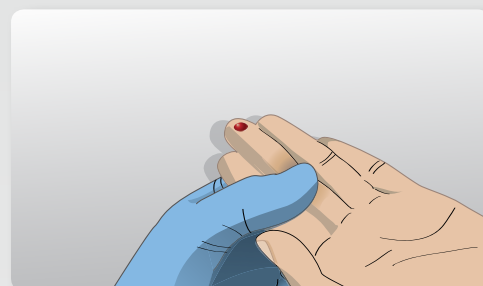
Clean the side of one of the three center fingers with an alcohol swab and dry it thoroughly.



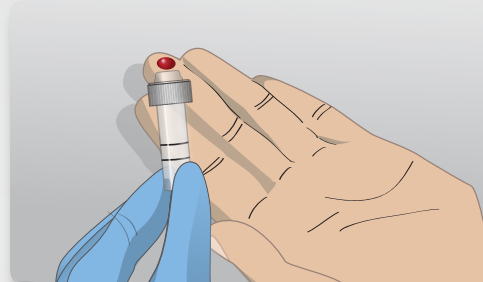
Prick the finger with a lancet.



Wipe away the first drop of blood.

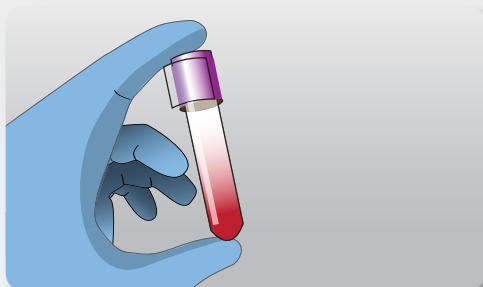


Squeeze the finger gently until a large drop of blood forms.

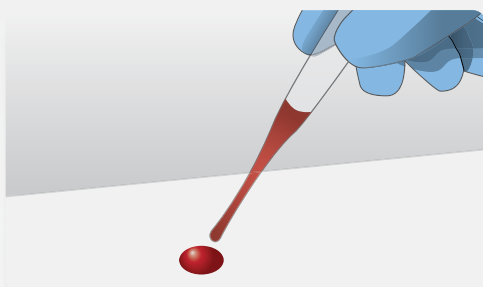


Hold the capillary tube directly below the drop of blood. Fill up the tube until it reaches the area between the bottom and top line. Close the tube.

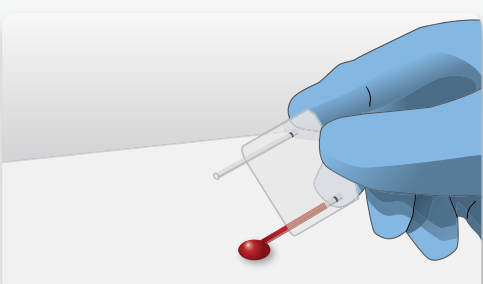
3.2 Venous and Capillary Blood



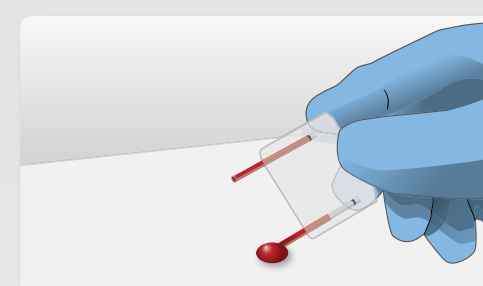
Gently mix the blood sample by inverting the tube 8-10 times immediately before use.



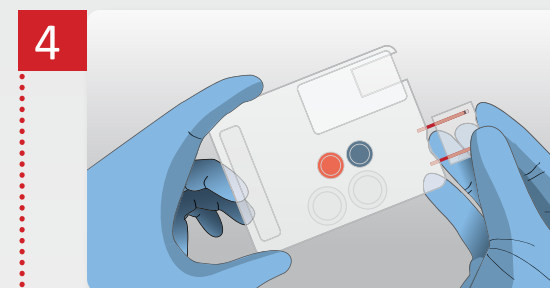
Fill a transfer pipette with blood and slowly release 1-2 drops on a clean hydrophobic surface.



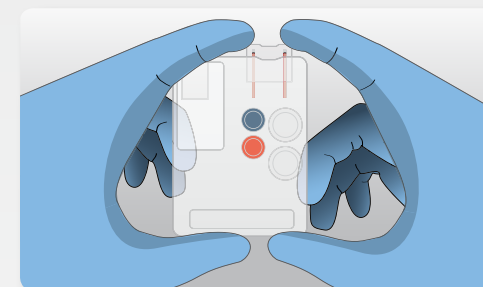
Use the Sampler to collect the blood.



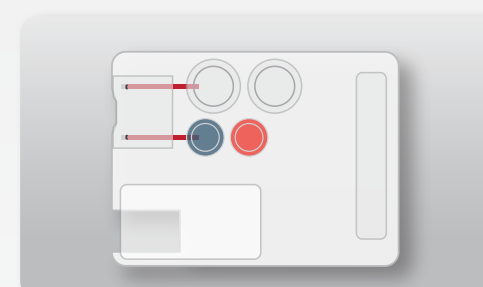
Fill the two capillaries to the end and wait for 1-2 seconds after filling each capillary. If any bubbles are present in the capillaries, discard the sampler and repeat the procedure using a new sampler and a different finger for the finger prick.



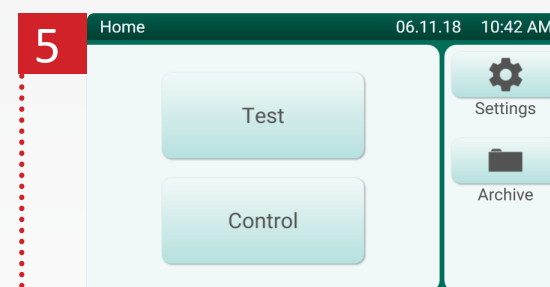
Insert the Sampler into the Cartridge without delay as shown.



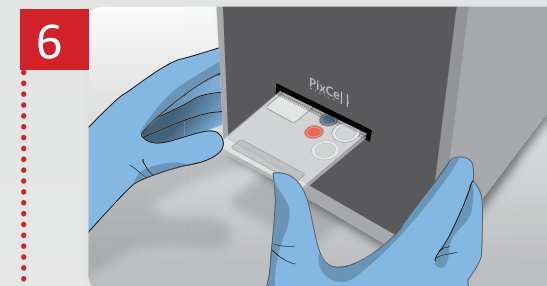
Push the Sampler until you hear a click.



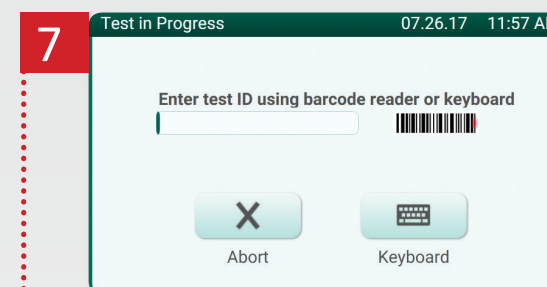
Make sure the Sampler is secured in place so its back end is aligned with the Cartridge.



Select the "Test" button



Insert the Cartridge into the slot using both hands.



Scan patient barcode. Alternatively, enter the test identification number using the keyboard option on the touch screen. The test time is about 6 minutes.

8

Test Results: 15112016_120731_1

16.11.15

12:08 pm


WBC	9.683	10 ⁹ /μL	4-10.8
RBC	3.323	10 ⁶ /μL	4.5-5.7
HGB	10.151	g/dl	13-17
HCT	32.33	%	39-49.5
MCV	97.282	fl	78-95
MCH	30.583	pg	26-33
MCHC	31.441	10 ⁹ /μL	32-36
RDW	18.32	%	11.5-15
PLT	258.321	10 ⁹ /μL	130-350
MPV	10.093	fl	8.3-13


CBC


Home


WBC diff.

Print









View the Results When the test ends, results will be displayed automatically on the screen. Complete results can be viewed by switching between the "CBC" and "WBC diff" tabs.

If one of the following flagging symbols appear on the results screen LL, HH, *, !, ^, ~, ABN, results may need to be verified using a suitable laboratory method. Refer to the HemoScreen Operating Manual for further instructions.

As soon as the test is done, the Cartridge is ejected from the analyzer. Dispose the used Cartridge into a bio-hazard waste container.

Print the results (optional).