

Approved Sample Type/s: Fresh heparinised arterial, venous or capillary whole blood samples.

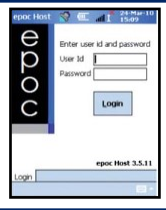


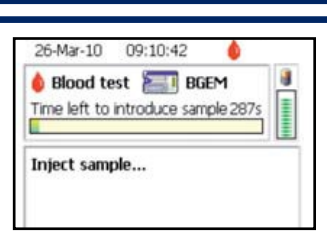

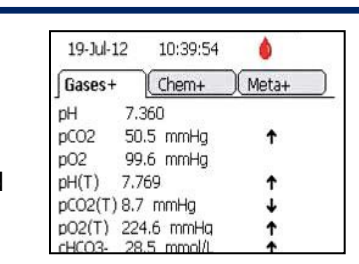
Device Limitations: Only epoc Care-Fill capillary Tubes can be used for capillary samples.

Materials Required

- Epoc BGEM Test Card
- Pre-heparinised syringe or Care-Fill capillary tube



NOTE: If collecting capillary sample, refer to epoc Care-Fill instructions in your PoCT Manual

<h3>STEP 1</h3>	<ul style="list-style-type: none"> • Switch epoc Reader and Host on and scan in your operator ID • If not connected, select and connect the Reader to Host by tapping the Reader icon, the Reader configuration will then start. 																												
<h3>STEP 2</h3>	<ul style="list-style-type: none"> • Check Reader and Host are connected by checking status lights. The Reader's middle light is solid green and the screen message reads "Insert Test card" to begin 																												
<h3>STEP 3</h3>	<ul style="list-style-type: none"> • Insert Test Card into Reader with blue label facing upwards and the sensor module towards the Reader Attention: With Test card insertion a 165 seconds calibration phase begins • During calibration phase, obtain patient sample (if using Care-Fill Capillary Tube for collection, refer to the epoc collection instructions sheet) 																												
<h3>STEP 4</h3>	<ul style="list-style-type: none"> • Select the Patient Information Tab on the Reader Screen to enter Patient Identification (using the barcode scanner, onscreen keyboard or keypad). When middle light on the Reader is solid green, Host provides an audible beep and screen reads 'Inject Sample'. Attention: You have 7.5 minutes to inject blood sample. If no blood is injected, another Test Card must be used 																												
<h3>STEP 5</h3>	<ul style="list-style-type: none"> • Inject blood sample by holding the Syringe/Care-Fill Capillary Tube vertically between finger tips and thumb. • Press the collection device's luer tip into the entry port of the Test Card. Rotate collection device up to ¼ turn to ensure a good seal. • Use index finger to depress plunger with a single, smooth motion until Host provides an audible "beep" and screen shows message 'Analysing Sample'. 																												
<h3>STEP 6</h3>	<ul style="list-style-type: none"> • The Reader automatically analyses the test sample in about 30 seconds • Results are displayed on the Host screen • When middle light on reader turns solid green, remove Test Card and dispose of in biohazard waste. 	 <table border="1"> <tr> <td colspan="2">19-Jul-12 10:39:54</td> <td></td> </tr> <tr> <td>Gases+</td> <td>Chem+</td> <td>Meta+</td> </tr> <tr> <td>pH</td> <td>7.360</td> <td></td> </tr> <tr> <td>pCO2</td> <td>50.5 mmHg</td> <td>↑</td> </tr> <tr> <td>pO2</td> <td>99.6 mmHg</td> <td></td> </tr> <tr> <td>pH(T)</td> <td>7.769</td> <td>↑</td> </tr> <tr> <td>pCO2(T)</td> <td>8.7 mmHg</td> <td>↓</td> </tr> <tr> <td>pO2(T)</td> <td>224.6 mmHg</td> <td>↑</td> </tr> <tr> <td>HCO3-</td> <td>28.5 mmol/l</td> <td>↑</td> </tr> </table>	19-Jul-12 10:39:54			Gases+	Chem+	Meta+	pH	7.360		pCO2	50.5 mmHg	↑	pO2	99.6 mmHg		pH(T)	7.769	↑	pCO2(T)	8.7 mmHg	↓	pO2(T)	224.6 mmHg	↑	HCO3-	28.5 mmol/l	↑
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