

## Hemocult® Fecal Occult Blood Test

### Fast Facts

- **Reagent Requirements**

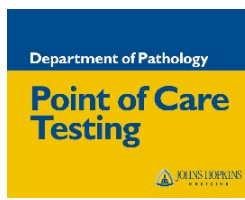
	Hemocult® Test Cards	Hemocult® Developer
<b>Storage Temperature</b>	15° - 30°C	15° - 30°C
<b>Stability</b>	Manufacturer's expiration date	Manufacturer's expiration date
<b>Handling Requirements</b>	<ul style="list-style-type: none"> <li>- Record "<i>Open Date</i>" on each box once opened.</li> <li>- <i>Do not</i> use beyond manufacturer's expiration date.</li> </ul>	<ul style="list-style-type: none"> <li>- Record "<i>Open Date</i>" on each bottle once opened.</li> <li>- <i>Do not</i> use beyond manufacturer's expiration date.</li> </ul>
<b>Handling Precautions</b>	<ul style="list-style-type: none"> <li>- Store in original box/packaging.</li> </ul>	<ul style="list-style-type: none"> <li>- Store tightly capped.</li> </ul>

- **Testing Procedural Notes**

- QC must be performed, by assessing the Performance Monitor at least weekly, and when a new box of Hemocult® Test Cards or bottle of Hemocult® Developer is opened.
  - The Gastrocult® Developer *may not* be used with the Hemocult® Test Cards.
- Hemocult® Test Cards must be labeled with 2 patient identifiers, or denoting QC is being performed.
- Patient samples must be fresh and tested promptly following collection.
  - Do not proceed if hematuria, menstrual bleeding, or obvious rectal bleeding are present.
  - Special Diagnostic Diet must be followed for at least 72 hours prior to and continuing through sample collection to ensure the most accurate results.
- Apply a thin smear of fecal samples to Box A using the applicator stick, then use a second applicator stick or the other side to collect from a different area of the fecal sample to apply a thin smear to Box B.
  - Wait 3-5 minutes after application before proceeding with testing.
  - Open the back flap, then apply 2 drops directly over each smear.
  - Interpret results within 60 seconds.
  - Assess Performance Monitors after the completion of each test to ensure validity.
    - Apply 1 drop of Developer between the positive and negative areas.
    - Interpret results within 10 seconds
- Any trace of blue on or at the edge of the smear is positive for occult blood.
- Results must be recorded on the QC Log and Patient Result Log, as applicable, as Pos/Positive or Neg/Negative.
  - Use of the (+) or (-) signs is not acceptable in any instance.
- For a full list of limitations and common interferences affecting this test, refer to POCTW002.

- **Operator Competency**

- *Initial Training and Competency*: Must be completed with a POCT Office-approved Super User/Trainer.
  - MyLearning module and quiz, QC, and Initial Training and Competency form must be completed.
- *Annual Competency*: Must be completed by all testing personnel, including Super Users/Trainers.
  - QC must be completed and documented successfully at least once.
  - Applicable MyLearning module and quiz completed with a Passing score.



- **Troubleshooting Failed Performance Monitor Results**
  - Expected Performance Monitor Results: Positive = Blue color; Negative = No color.
    - Confirm neither the Test Slides nor the Developer is past manufacturer's expiration date.
    - If, after confirming dates and repeating the test, results still fail, open a new bottle of Developer and repeat the test.
    - If this repeat fails, open a new box of Test Slides and repeat using the new Developer.
    - If this repeat fails, cease testing immediately and contact the POCT Office (Resources).
      - Document all failures and Corrective Action steps on the QC log.
  
- **Resources**
  - POCT Office available 24/7 for any additional assistance that may be needed.
    - Office Hours: Monday-Friday 7:30-15:30 (CMSC SB207)
    - POCT Office General Phone Line: 5-2645
    - Email [POCTGroup@exchange.johnshopkins.edu](mailto:POCTGroup@exchange.johnshopkins.edu)
    - After Hours use CORUS: Pathology Staff – POCT Consult (covered 24/7 for critical needs)