Guaiac Testing versus Immunochemical Testing…

Knowing what test to use and why it can save a life.

As a healthcare provider, it’s important that you know when to use a Guaiac test (gFOBT) or fecal immunochemical test (FIT).

While both guaiac and immunochemical testing can be used for colorectal cancer screening, both tests should not be considered the same.

Immunochemical tests for fecal occult blood are more specific and are not subject to interference from dietary peroxidases, animal blood and vitamin C (ascorbic acid), as occurs with guaiac tests.

However, hemoglobin protein tends to be altered chemically as it passes through the gastrointestinal tract, changing its antigenicity. The result is that a test may detect occult blood when it is the result of lower gastrointestinal tract bleeding, but may fail to detect upper gastrointestinal (GI) tract bleeding, producing a false negative result.²

**gFOBT:**
- Determines if there is bleeding from any area of the gastrointestinal tract — both upper and lower GI. Keep in mind that GI bleeding may occur anywhere along the digestive tract and it could be caused by gastric or duodenal ulcers, esophageal varices, diverticular disease, ulcerative colitis, hemorrhoids, Crohn’s disease, injury, polyps, adenomas, etc.

**FIT:**
- Determines if there is any bleeding specifically in the lower GI tract where many polyps and tumors are found.²
- Detects only lower GI bleeding — regardless of the collection method or manufacturing design.³

Nearly 70% of GI bleeds occur in the upper GI tract.¹
Beckman Coulter has the tools and support you need to screen properly using CLIA-waived FIT or gFOBT formats.

Hemoccult ICT

Hemoccult ICT is a fecal immunochemical test (FIT) for the detection of bleeding in stool samples. Occult blood may help identify bleeding polyps or adenomas, as well as aid in the early detection of colorectal cancer (CRC). It is specific to bleeding in the lower GI tract and is not affected by dietary interferences.

- No dietary or drug restrictions
- Excellent 14-day dry-slide stability
- High clinical sensitivity and stability
- Patient education tools and compliance materials
- 90-day room-temperature option to refrigerated storage

Ordering Information

Hemoccult ICT Products

<table>
<thead>
<tr>
<th>FIT 3-Day Patient Screening Kit 395066</th>
</tr>
</thead>
<tbody>
<tr>
<td>40 Patient Screening Kits, each containing:</td>
</tr>
<tr>
<td>- Dispensing Envelope with Patient Instructions</td>
</tr>
<tr>
<td>- Hemoccult ICT Collection Cards</td>
</tr>
<tr>
<td>- Flushable Sample Collection Tissues</td>
</tr>
<tr>
<td>- Applicator Sticks</td>
</tr>
<tr>
<td>- Mailing Pouch</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>FIT 2-Day Patient Screening Kit 395261</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 Patient Screening Kits, each containing:</td>
</tr>
<tr>
<td>- Dispensing Envelope with Patient Instructions</td>
</tr>
<tr>
<td>- Hemoccult ICT Collection Cards</td>
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<tr>
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Hemoccult ICT Collection Cards Kit 395065

- 100 Collection Cards
- 100 Applicator Sticks
- Sample Collection Instructions

Hemoccult ICT Test Kit 395067†

- 20 Test Devices
- 1 Bottle Hemoccult ICT Buffer/8.0 mL
  †To be used with Hemoccult ICT Collection Cards – product # 395066, 395261 and 395065

Hemoccult ICT Controls 395068

- 4 Bottles (2 Positive and 2 Negative / 0.8 mL each)

Hemoccult ICT Buffer 462595

- 1 Bottle of Buffer

*Exemplar CPT provided. Refer to regional CMS fee schedule for relevant/current CPT codes.

CLIA

- CPT Code* G0328QW, 82274QW
- Waived

*Exemplar CPT provided. Refer to regional CMS fee schedule for relevant/current CPT codes.
Hemoccult SENSA

Hemoccult SENSA is the enhanced Hemoccult product that provides improved readability and higher clinical sensitivity over regular Hemoccult and other FOBTs. Hemoccult SENSA has been proven to give the highest clinical sensitivity readings (92%) and offers the ability to find more true positives of occult blood.

- Easier readability
- Higher clinical sensitivity
- Detection of more true positives
- Patient education tools and compliance materials

Ordering Information

Hemoccult SENSA Products

**Hemoccult SENSA Single Slides Kit 64151**
- 100 Slides
- 100 Applicator Sticks
- 2 X 15 mL Bottles of Hemoccult SENSA Developer

**Hemoccult SENSA Single Slides Without Developer Kit A96636**
- 100 Hemoccult SENSA Single Slides (Test Cards)
- 100 Applicator Sticks

**Hemoccult SENSA Single Slides Kit 64152**
- 1000 Slides
- 1000 Applicator Sticks
- 20 X 15 mL Bottles of Hemoccult SENSA Developer

**Hemoccult II SENSA Dispensapak Plus Patient Screening Kit 64130**
- 40 Patient Screening Kits
- 2 X 15 mL Bottles of Hemoccult SENSA Developer

**Hemoccult SENSA Developer 64115**
- Box of 2 X 15 mL Bottles of Hemoccult SENSA Developer

**Hemoccult II SENSA elite Dispensapak Plus Patient Screening Kit 395035**
- 40 Patient Screening Kits
- 2 X 15 mL Bottles of Hemoccult SENSA Developer

*Exemplar CPT provided. Refer to regional CMS fee schedule for relevant/current CPT codes.

CLIA

- CPT Code* 82270, 82272QW
- Waived

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Hemoccult

Hemoccult is the #1 brand in FOBTs. Used with confidence by physicians for over 40 years.

- Most clinically proven
- Trusted for over 40 years
- Most widely used FOBT
- Patient education tools and compliance materials

Ordering Information

**Hemoccult Products**

**Hemoccult Single Slides Kit 60151**
- 100 Slides
- 100 Applicator Sticks
- 2 X 15 mL Bottles of Hemoccult Developer

**Hemoccult Single Slides Without Developer Kit A96635**
- 100 Hemoccult Single Slides (Test Cards)
- 100 Applicator Sticks

**Hemoccult Single Slides Kit 60152**
- 1000 Single Slides
- 1000 Applicator Sticks
- 20 X 15 mL Bottles of Hemoccult Developer

**Hemoccult II Triple Slides Kit 63202**
- 34 Triple Slides
- 102 Applicator Sticks
- 20 X 15 mL Bottles of Hemoccult Developer

**Hemoccult II Dispensapak Patient Screening Kit 61100**
- 2 Cases of 50 Patient Screening Kits
  (Triple Slide and Applicator Sticks only)
- 3 X 15 mL Bottles of Hemoccult Developer per Case

**Hemoccult II Dispensapak Plus Patient Screening Kit 61130**
- 40 Patient Screening Kits
- 20 X 15 mL Bottles of Hemoccult Developer

**Hemoccult Tape 63202**
- Box of 2 Tape Dispensers
- 20 X 15 mL Bottles of Hemoccult Developer

**Hemoccult Mailing Pouches 62200**
- Box of 2 X 15 mL Bottles of Hemoccult Developer

**CLIA**

- CPT Code* 82270, 82272QW
- Waived
A comprehensive program that includes tools to support compliance and staff training...

**Patient Compliance**
We support your team with integrated communication tools that help practitioners build stronger relationships with their patients through proactive dialog and outreach. All of these tools are made available FREE of charge:
- ✔ Reminder checklist
- ✔ Sample collection videos
- ✔ Letter templates
- ✔ Educational brochures

**Staff Training**
We support your staff’s knowledge-base and take any guess work out of the screening process — empowering your team to work as efficiently and effectively as possible. All of these tools are made available FREE of charge:
- ✔ Webinars that educate and provide CEU credits
- ✔ Fast facts posters
- ✔ Screening guideline information
- ✔ Expert product representatives — at your service

Beckman Coulter is the leader in fecal occult blood testing and offers the very best in rapid tests designed to simplify the diagnostic process. Early detection is the single most important advantage a patient can have to survive life-threatening diseases. Beckman Coulter provides the tools and tests physicians need to aid in the diagnosis and management of a variety of disease states.

Beckman Coulter also provides a variety of Immunoassay, Chemistry, Hematology and Centrifugation instruments to aid in the diagnosis and management of a full spectrum of medical conditions. Each system’s compact design and cost-effective performance makes it a perfect complement to a physician’s office laboratory.

To order product, contact your medical supply distributor. For technical assistance regarding rapid test kits, call Technical Marketing at 800-877-6242 or email askpcd@beckman.com.

**Lab Testing Made Easy**

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**Beckman Coulter Rapid Diagnostics Product Offering**

- **Hemoccult**
- **Hemoccult SENSA**
- **Hemoccult II SENSA elite**
- **Hemoccult ICT**
  CLIA-waived rapid tests for the detection of hidden blood in feces

- **Gastroccult**
  CLIA-waived rapid test for detecting hidden blood in gastric fluid and determining gastric pH

- **ICON Hp**
  CLIA-waived (whole blood) and moderately complex (serum) rapid test for the detection of antibodies to *H. pylori*

- **ICON 20 hCG**
- **ICON 25 hCG**
  CLIA-waived (urine) and moderately complex (serum) rapid tests for the detection of hCG

- **ICON Mono**
  CLIA-waived (whole blood) and moderately complex (serum) antibody test for infectious mononucleosis

- **ICON DS Strep A**
- **ICON SC Strep A**
  CLIA-waived dipstick and cassette rapid format tests for the detection of Strep A, using throat swab sample

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**References**
1. Emergency medical service magazine; CE article: Gastrointestinal bleeding; [cited 2011 Apr 1]; Available from: URL: http://www.emsworld.com
3. Cleveland clinic journal of medicine [cited 2011 Sept 1]; Available from: URL: http://www.ccjm.org/content/78/8/515

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