

The logo for EZ Detect, featuring the brand name in a bold, blue, italicized font with a red outline and a trademark symbol.

The World's Simplest Fecal Occult Blood Test
FDA CLEARED

Colorectal Disease

Detection of Hidden Blood in the Stool

**Colorectal Disease: EZ Detect is the only
FDA cleared fecal occult blood test with no diet
restrictions or stool handling**

No Dietary Restrictions

Not affected by red meat or vitamin C

Accurate

Clinically proven

Outstanding patient compliance

Simple

No laboratory processing

Results in two minutes

Convenient

Sanitary - no stool handling

No health hazard

Physician's dispenser pack
contains 48 complete kits

Each kit contains 5 test pads,
patient instructions, positive
control, and return postcard to
doctor



Early Detection of colorectal cancer saves lives:
5 year survival rate > 95%

Fecal occult blood testing is recommended by:
CDC and American Cancer Society

The logo for BIOMERICA, with the word in a bold, blue, sans-serif font and a red swoosh underline.

INTENDED USE

EZ Detect™ is intended for in vitro detection of fecal occult blood in the stool - an early indicator of various gastrointestinal disorders including **colorectal cancer**. The EZ Detect™ test has been clinically proven to be highly accurate for the detection of hidden (occult) blood in the stool. The test consists of a biodegradable paper (pad) upon which special reagents have been printed. The EZ Detect™ pad uses a pseudo-peroxidase reaction utilizing a chromogen that when oxidized produces a distinct blue-green color in the test area upon contact with blood.

After a bowel movement, a test pad is placed in the toilet and if blood is present in the stool, a blue-green color will appear in the test area within two minutes. The test is simple, safe, and sanitary, and requires **no diet restriction or handling of the stool**. The results are immediate and unmistakable. Unlike other tests, the patient will find EZ Detect™ neither offensive nor objectionable to use. The test utilizes

CLINICAL APPLICATION

Occult blood in the stool is one of the primary warning signs of many bowel problems including colorectal cancer. EZ Detect™ is designed to detect blood in the stool that can be caused by bleeding ulcers, hemorrhoids, polyps, colitis, diverticulitis, fissures, or cancer of the colon or rectum.

Early detection of colorectal cancer saves lives and is up to 95% curable when detected early. The *American Cancer Society* and *CDC* recommend that men and women over 50 and those who have a personal or family history of lower intestinal disorders use an occult blood test yearly or as often as their physician recommends.

PROCEDURE



1. After the bowel movement, the patient places a test pad into the toilet.



2. The patient observes the pad. A **blue-green** color will appear within two minutes if the test is positive. If no color appears, the test is negative.



3. Upon completion of the test, the patient records the results on the return postcard and mails it to the physician or screening center.

SUPPLIED MATERIALS

The EZ Detect™ physician's dispenser pack contains **48 complete test kits and one professional protocol**. Each kit contains enough material for each patient to perform tests on three consecutive bowel movements, a check on the quality of the toilet water, and a quality control check on the test pads. Each kit also contains a return postcard that allows the patients to record their test results and send them to their physician.

PERFORMANCE

Clinical Evaluation:

EZ Detect™ and Hemoccult® were tested on 101 patients. In both tests 22 patients were found positive and 79 patients were found negative for blood in the stool - a 100% correlation

Sensitivity:

The sensitivity limits for fecal occult blood is 2.0 mg hemoglobin/100 ml water (equivalent to Hemoccult®)

Accuracy and Prediction:

A repetitive performance of the test (n=20) on a sample containing 2.0 mg hemoglobin/100 ml gave a positive result each time (100%). A repetitive performance of the test (n=20) on a sample devoid of hemoglobin gave a negative result each time (100%).

ORDERING

Catalog No.	Description
1001	EZ Detect™ Physician's Dispenser Pack (48 complete test kits)
1000	EZ Detect™ Single Screening Kit (1 complete test kit in envelope)

CE and EN ISO 13485:2003 Compliant



BIOMERICA