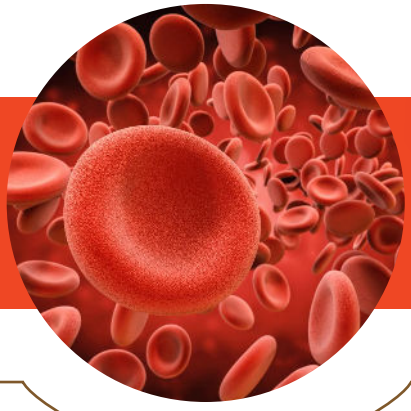
FECAL OCCULT BLOOD-TRANSFERRIN

ARTRON (FOB-TRF) COMBO TEST



TRANSFERRIN

Transferrin can be used as a more sensitive and stable biological indicator for colorectal cancer because it is less affected by digestive enzymes and bacteria than hemoglobin. When gasterointestinal bleeding occurs, like hemoglobin, serum transferrin enters the gastrointestinal tract and is excreted in feces.

FECAL OCCULT BLOOD

Detection of FOB is an industry standard for the testing of colorectal cancer and advanced adenomas. The average adult usually shows less than 2 to 3 mg hemoglobin per gram of feces; increased amounts can be associated with a variety of both benign and malignant gastrointestinal problems, including ulcers and colorectal or gastric cancer.

- ✓ FOB Sensitivity: 25 ng/mL
- ✓ TRF Sensitivity: 40 ng/mL
- ✓ Simple
- ✓ Rapid
- ✓ Accurate

Artron

DIAGNOSTICS MADE SIMPLE

ABOUT ARTRON

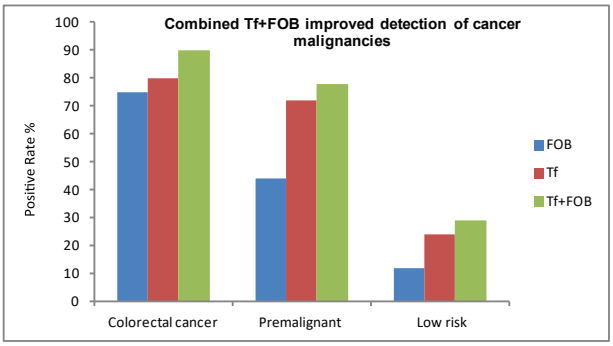
The largest Canadian Manufacturer of Rapid Test with global distribution in over 140 countries. With over 21 years of experience in the Biotechnology Industry with a global presence.

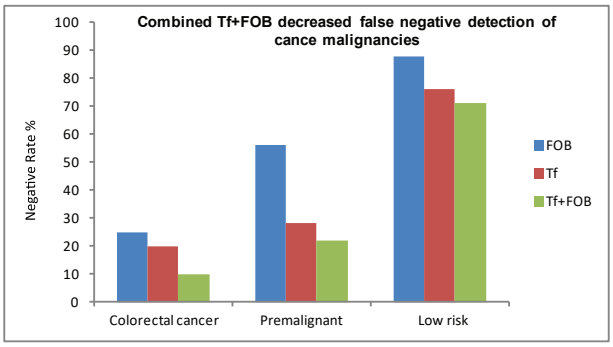
WHY ARTRON?

Artron Laboratories is a leading provider of diagnostic testing products within the in-vitro diagnostic (IVD) industry, offering a comprehensive range of products, including tests for infectious diseases, fertility, drugs, cardiac markers, tumor markers, GMOs, veterinary testing, and more. At Artron, we are committed to providing high-quality and reliable products that are backed by rigorous testing and research.

WHY USE A COMBO TEST?

Fecal occult blood is an important indicator of gastrointestinal bleeding; however, due to the presence of non-cancerous bleeding and hemoglobin instability, FOB tests have limited sensitivity as clear indicators of colorectal cancer. Studies have shown using subjects with various gastrointestinal symptoms that the combined FOB-TRF test significantly increased detection of advanced adenomas and cancer than that of the FOB test alone (77.9% vs. 55.9%, P=0.006). Therefore, testing for the combination of FOB and transferrin allows for increased sensitivity and detection of colorectal cancers and advanced adenomas over FOB tests alone.





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Adapted from Sheng et al , 2009 Cancer Epidemiol Biomarkers Prev

"The Canadian Cancer Society recommends people aged 50 to 74 to test for colorectal cancer every 2 years."

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