

FOB + Transferrin detection kit

CerTest
BIOTEC



Pathology and product description

Colorectal cancer is the second most significant cause of illness and death in the Western world. Blood in stools is an important symptom of colon neoplasm, the cancer in its initial stage and intestinal adenomatous polyps.

Transferrin is a substance derived from blood and akin to haemoglobin it can be released into the gastrointestinal tract and eliminated through faeces in illnesses associated with gastrointestinal bleeding. It is very stable in stools, making transferrin an ideal marker for detecting the loss of blood from both the upper and lower intestine (gastrointestinal

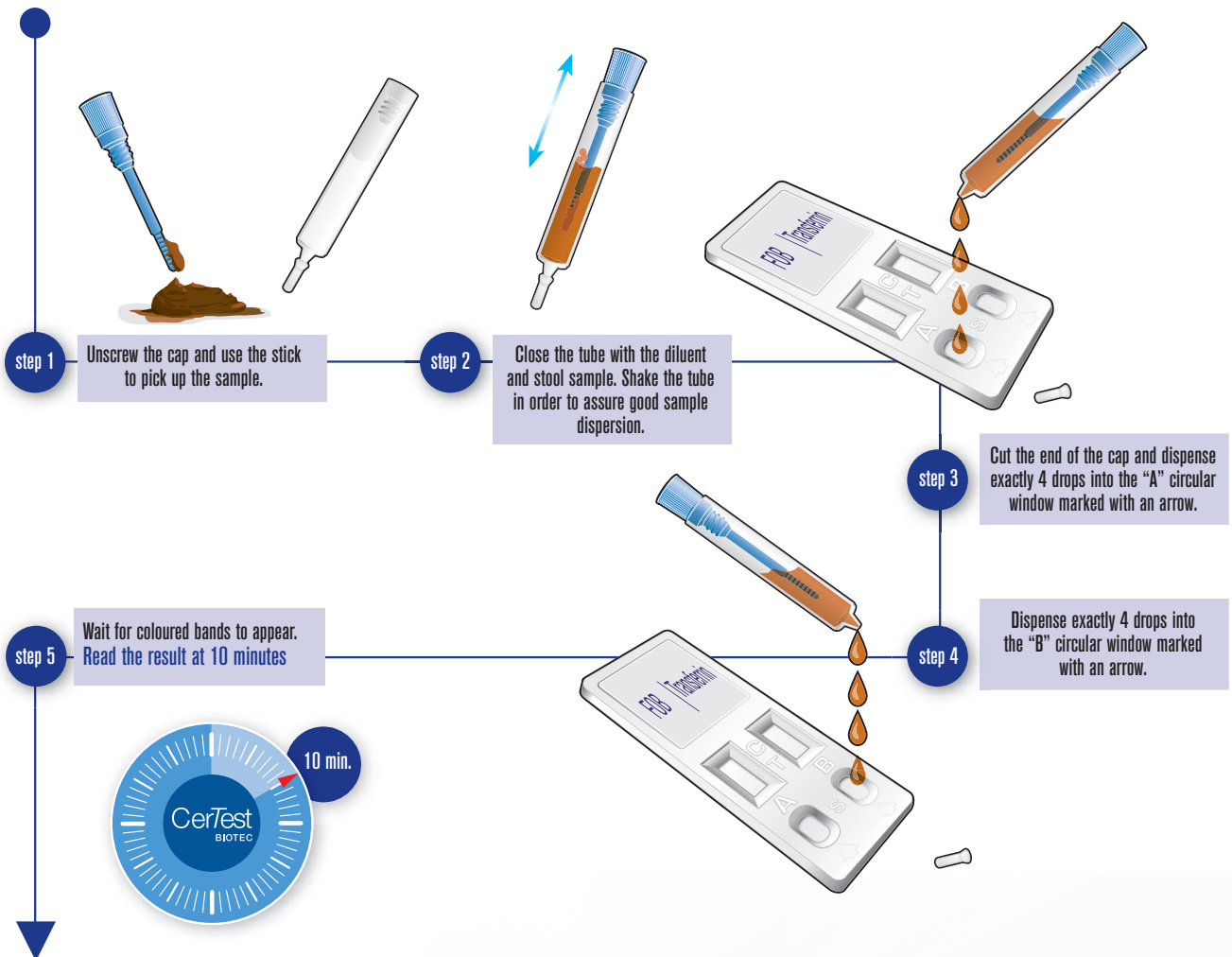
bleeding). Haemoglobin is unstable in stool samples and therefore could produce false negative results. The detection of transferrin in stools, which is more stable than haemoglobin, provides an alternative method for the diagnosis of illnesses associated with bleeding from the digestive tract.

CERTEST combined test for FOB + Transferrin provides a single, rapid and accurate test capable of simultaneously detecting of the main bleeding markers in stools that are complementarians and could detect upper and lower bleeding.

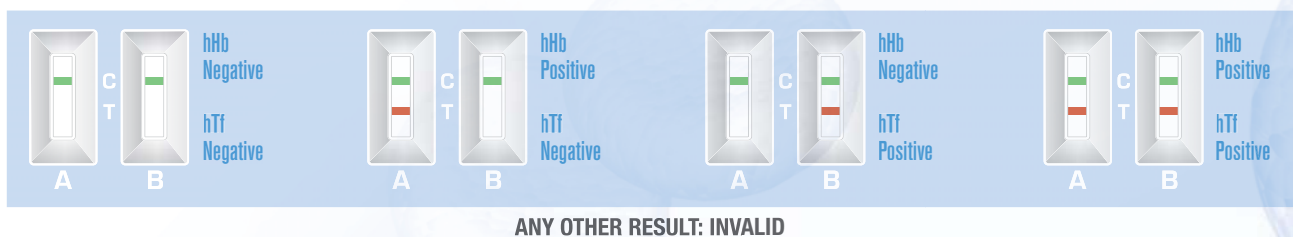


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Test procedure



Interpretation of the results



Clinical Sensitivity and Specificity

	Sensitivity	Specificity	PPV	NPV		Sensitivity	Specificity	PPV	NPV
CerTest FOB + Transferrin (Haemoglobin) vs. ImmunTech OcculTech	>99%	>99%	>99%	>99%	CerTest FOB + Transferrin (Transferrin) vs. ImmunTech Human Hexagon	>99%	>99%	>99%	>99%



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