

H. pylori + Transferrin detection kit

CerTest
BIOTEC



Pathology and product description

Helicobacter pylori (*H. pylori*) is a spiral-shaped bacterium that is found in the gastric mucous layer or adherent to the epithelial lining of the stomach. *H. pylori* causes more than 90% of duodenal ulcers and up to 80% of gastric ulcers. The importance of *Helicobacter pylori* testing has increased due to the strong correlation between the presence of bacteria and confirmed gastrointestinal diseases (stomach and duodenum) like gastritis, peptic ulcer disease and gastric carcinoma. Patients suffering from gastro-duodenal ulcer may develop complications such as upper gastrointestinal bleeding or perforation.

Transferrin is a blood-derived component. In gastrointestinal bleeding diseases, it may be leaked into gastrointestinal tract and then discharged with the faeces. Transferrin is stable in faeces and a good marker to detect gastrointestinal bleeding.

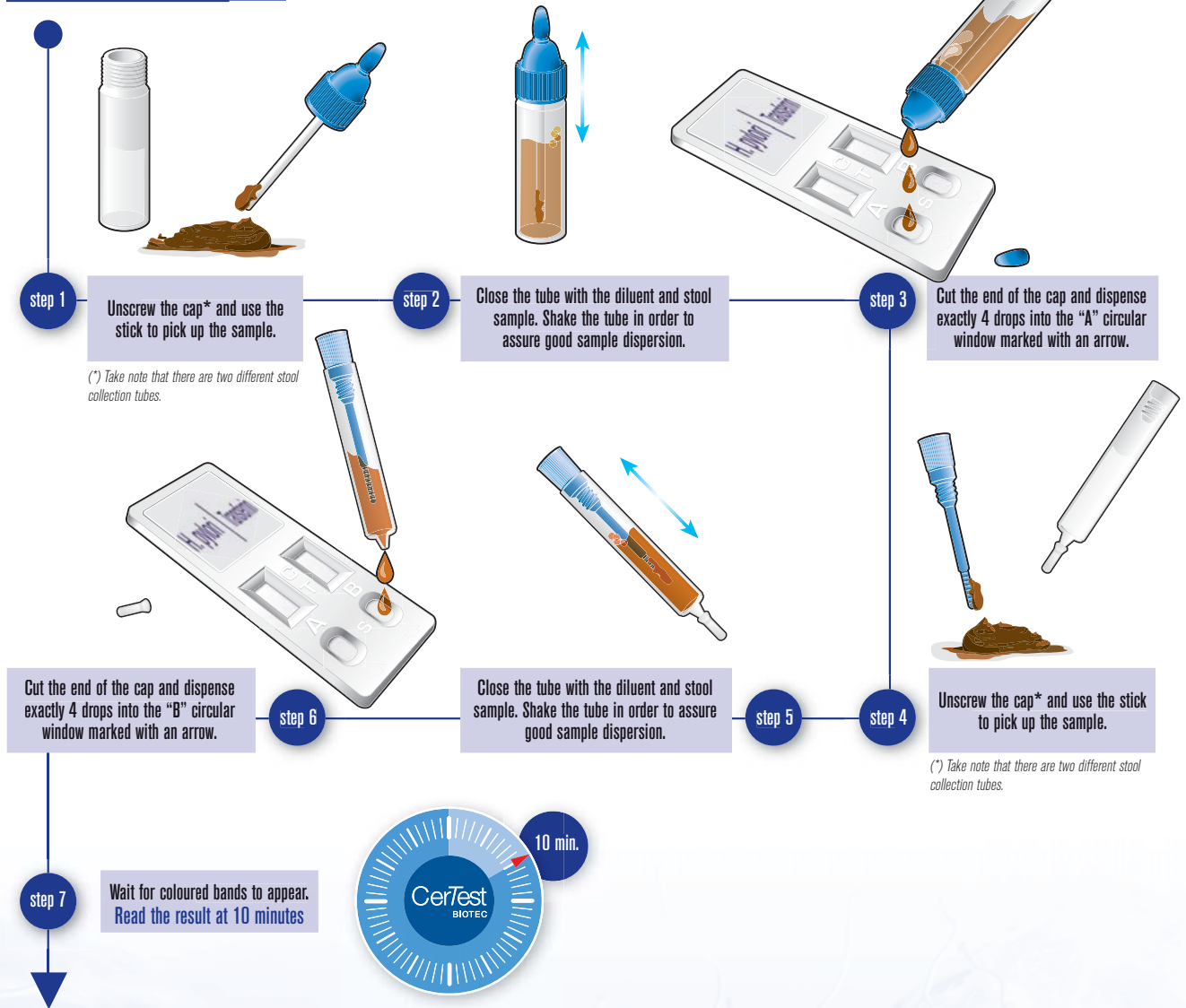
CERTEST combined test for *H. pylori* + Transferrin provides a single, rapid and accurate test capable of simultaneously detecting of *H. pylori* and human transferrin in stool samples, obtaining more accurate testing results regarding the *H. pylori* infection.



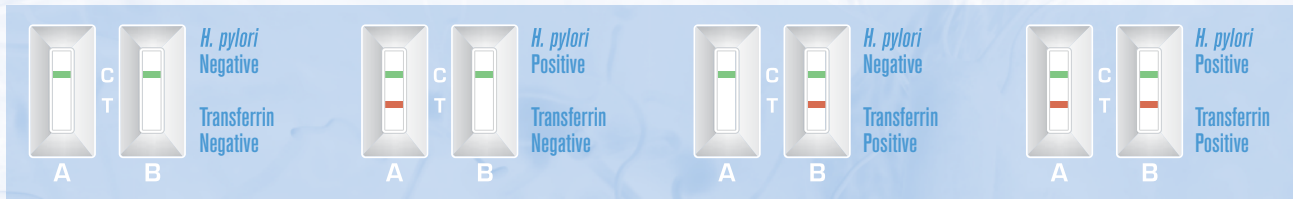
H. pylori + Transferrin detection kit



Test procedure



Interpretation of the results



Clinical Sensitivity and Specificity

	Sensitivity	Specificity	PPV	NPV
CerTest H. pylori + Transferrin (H. pylori) vs. Amplified IDEIA™ Hp StAR™	>94%	>99%	>99%	>84%

	Sensitivity	Specificity	PPV	NPV
CerTest H. pylori + Transferrin (Transferrin) vs. Human Hexagon	>99%	>99%	>99%	>99%



CERTEST BIOTEC, S.L.
Pol. Industrial Río Gállego II, Calle J, Nº 1,
50840, San Mateo de Gállego, Zaragoza (SPAIN)
www.certest.es

