

Easy & Rapid Identification of *H.pylori*

HELIDENT

Urease Test

Helident is used for identification of *H.pylori* by urease test.

- ▶▶ Test is done with fresh biopsy specimen and gastric lavage.
- ▶▶ Clear labeling enables easy evaluation of results.
- ▶▶ It can be stored in room temperature.
- ▶▶ Does not contain toxic substances.
- ▶▶ Fast; results can be taken in 20 minutes. Minimum 2 hours are necessary for reporting negative results.
- ▶▶ 95% sensitivity
- ▶▶ 98% specificity

Packaging:

Test mix is presented in sterile plaques with clear label in a package of 20 tests.

Storage conditions and shelf life:

Shelf life is 6 months if stored in 2-20 °C.



ISO 13485:2004

TEST Protocol:

- 1-) Remove the clear label
- 2-) Plunge the biopsy specimen in to the medium and cover the label.
- 3-) Put the plaque in an adjusted incubator to 37 °C.
- 4-) Control colour changes frequently. If the colour changes from yellow to purple, it shows the presence of *H.pylori*. If the quantity of *H.pylori* is high, this change happens in a few minutes. If the colour doesn't change, before reporting the negative result, it is suggested to continue the incubation up to 2 h at 37 °C.

Interpretation of the results:

Yellow : Negative (-)

Purple : Positive (+)

Note: Urease activity with Helident can be seen rapidly with incubation in 37 °C. If no colour change is observed in 2 hours at 37°C, then the result should be reported as negative.



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