



Hy-Laboratories Ltd.
Park Tamar
Rehovot 76326 Israel
Tel : 972-8-9366475
Fax : 972-8-9366474
hylabs@hylabs.co.il
www.hylabs.co.il



PD189 Helicobacter PD251 STPH

H.pylori is associated with peptic ulcer disease and cancers of the human gastrointestinal tract. An estimated 50% of the worlds' population is infected with *H.pylori*. It is especially prolific in developing countries.

Unlike *Campyobacter spp.*, *H. pylori* is usually diagnosed by nonculture methods such as histology, serology, urease testing or more recently PCR. However, the increasing prevalence of nitroimidazole and macrolide resistance has revitalized efforts to culture organisms for antimicrobial susceptibility testing. *H.pylori* is actually routinely isolated by culture from human gastric biopsy samples.

hylabs has developed a selective culture medium, enriched with lysed horse blood and specific growth factors. The addition of three antibiotic supplements assures the recovery of the microorganism in primary isolation after 5-7 days incubation in a microaerobic atmosphere.

Susceptibility testing Helicobacter Pylori (STHP)

hylabs has developed a medium based on Mueller-Hinton Agar, according to NCCLS recommendations for susceptibility testing by the disk diffusion and the E-Test methods. The growth factors included in the medium have a low level of antibiotic antagonism, allowing the performance of the test with greater confidence.