Laboratory Urea Breath Testing for *H. pylori* Detection


*BreatheID® Lab*  
*H. pylori Breath Test System*
Automated BreathID®Hp Lab System for Fast and Efficient H. pylori Detection

For more than a decade, Exalenz point-of-care BreathID® technology has consistently been the most advanced Urea Breath Testing solution on the market. The new BreathID®Hp Lab System combines the unprecedented BreathID® clinical accuracy with intuitive workflow automation to provide laboratories an efficient, economic and comprehensive solution for H. pylori detection.

Advanced Testing for your Laboratory

BreathID®Hp Lab System comprises a PC Work Station, a Barcode Scanner, an Auto Sampler and the BreathID® Analyzer.

Two sophisticated breath collection bags equipped with one-way valves are supplied with the IDkit Hp Two to collect a baseline breath sample and a post-ingestion breath sample, just 15 minutes post ingestion of the 13C Urea solution. Breath samples can be analyzed up to 14 days after collection.

The Exalenz BreathID®Hp Lab System streamlines and automates the detection process, making it simple for a technician to scan each sample, load the Auto Sampler and run up to 10 tests at once. With each batch running for approximately 20 minutes, lab technicians are free to “Press and Walk Away” to perform other tasks while the system runs automatically.
Leading *H. pylori* Testing Technology

The Exalenz BreathID® Hp Lab System provides the most advanced and accurate urea breath testing for *H. pylori* to meet the real world needs facing labs today.

*BreathID® Hp Lab* provides accurate urea breath testing with 100% sensitivity and 97.9% specificity*; more accurate than both stool antigen and blood antibody testing.

Intuitive Efficiency

The intuitive and efficient *BreathID® Hp Lab* System automates many of the traditionally manual tasks required in data input and batch analysis to reduce human error and simplify reporting.

- 10 patient tests analyzed in succession (per batch)
- Fully automated process
- Press and Walk Away
- Comprehensive reports provide testing and productivity data for lab management at the click of a button

Increased Productivity for Lab Throughput

- Scannable barcodes replace manual data input to minimize time consuming data entry
- Intuitive and user friendly touchscreen workstation for optimal process management
- Coordinated auto sampler indicator signals guide batch assembly and bag placement, reducing potential errors

Secure, Seamless Systems Integration

- Data and reports can be printed or shared with Laboratory Information Management Systems (LIMS)
- Easily retrieve historical data and test reports

*Data from the FDA cleared Package Insert. Based on a controlled clinical study comparing breath collection with the [IDkit Hp](#) to composite endoscopic tests (RUT and Histological exam).
Exalenz Bioscience Ltd. develops and commercializes advanced systems that extract vital information for diagnostics from subtle changes in the patient’s exhaled breath based on its BreathID® technology platform.

Building on BreathID®Hp point-of-care success, Exalenz has developed the BreathID®Hp Lab System, a state of the art laboratory system for the management of multiple H. pylori detection tests.

The BreathID®Hp Lab System is FDA cleared in the US and CE approved in Europe.