



Life-changing Diagnostics for People Everywhere



Hemex Health

Gazelle Brings Advanced Diagnostic Testing to Frontline Care

Quality healthcare begins with timely, accurate diagnosis. Hemex's Gazelle™ Diagnostic Device was designed to serve the increasing global need for high performance testing whenever and wherever it is needed—in schools, businesses, community screening, or remote labs and clinics.

Accurate. Rugged. Easy and Affordable.

- Comparable performance to gold standard laboratory tests
- Operates reliably in hot, humid, and dusty environments
- Automated analysis and reporting eliminate need for skilled technicians
- Unprecedented affordability brings testing to new places and populations



One Platform. Multiple Tests.

Hb Variant Testing

- The only miniaturized, automated electrophoresis—a WHO essential diagnostic
- For Sickle Cell and Beta Thalassemia
- The only point-of-care test to quantify hemoglobin
- Accurately measures percentage of fetal hemoglobin
- 99% accurate ¹
- Results onscreen in 8 minutes
- Additional hemoglobin and electrophoresis tests in pipeline

Fluorescent Immunoassay (FIA)

- COVID-19 test available ²
- 99% accurate vs PCR ¹, better than market leaders
- 20 second read time
- FIA menu in development: STD's and other infectious diseases

¹ Publications available upon request

² Not available for sale in US

Two Powerful Technologies Detect Multiple Conditions

Integrated miniaturized technologies enable detection of metabolic, physiologic, and infectious diseases with one space-saving device.

Microchip electrophoresis technology: a miniaturized, automated version of a trusted technology that separates hemoglobin types according to their charge. Gazelle uses the gold standard, electrophoresis, to identify and quantify hemoglobin types A2/C/E, A, S, and F (fetal). Quantification is useful for understanding the impact of treatment and to identify more variants. Gazelle identifies 19 phenotypes.

Fluorescent lateral flow immunoassay (FIA) technology for the qualitative detection of biomarkers. Gazelle's advanced IA image analysis algorithms achieve superior signal-to-noise ratios resulting in near-PCR performance as demonstrated by our 99% accurate COVID-19 test.





We Do It Differently

Hemex Health breaks barriers in performance, cost, and usability with its unique technology. Gazelle is the first miniaturized electrophoresis test. It is the only device of its kind to work in high temperatures. Gazelle is the most affordable testing device on the market with this level of accuracy.

Design Details

Digital storage and printing

Gazelle stores up to 500 test results, along with patient data and GPS location. PDFs of patient reports can be printed or transmitted via USB stick to a laptop. Data can be uploaded to the Gazelle Cloud Application*, which can store data or connect to other databases.

Convenient, “over the air” upgrades

New tests and enhancements can be downloaded directly from the cloud.

Operates all day on a single charge

Uses wall charger or standard Android charging connection

Lightweight and portable

Gazelle weighs 2.75 kg

Gazelle dimensions are 15.24 x 19.56 x 25.40 cm

Built for challenging environments

Reader storage and temperature range:

-25°C to 60°C

Reader operating temperature range:

-25° to 45°C

Reader operating and storage relative humidity range

5% to 95%

*See [HemexHealth.com/gazelle-cloud](https://www.HemexHealth.com/gazelle-cloud) for more information