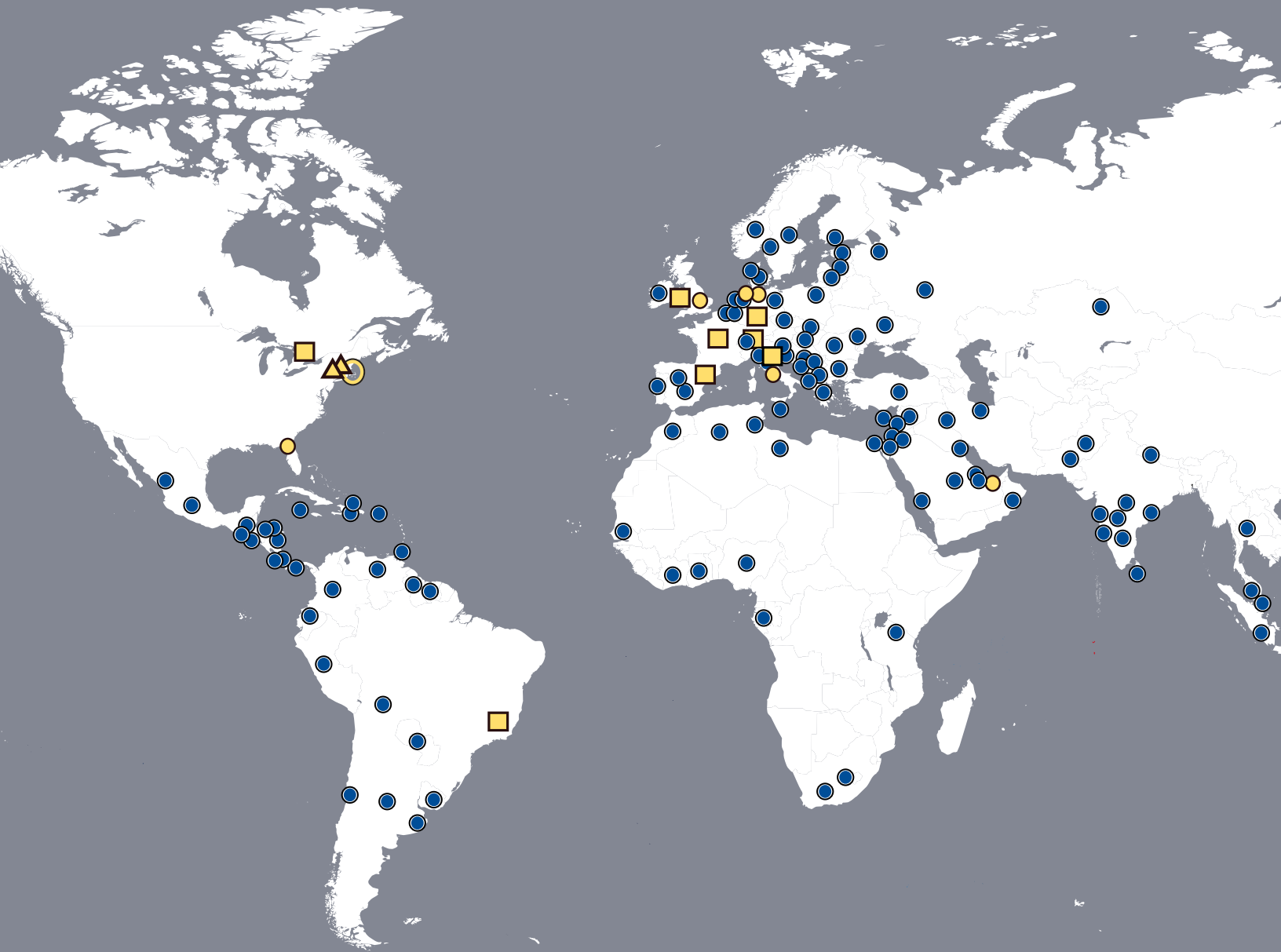






In Vitro Diagnostic Products for Veterinary Medicine



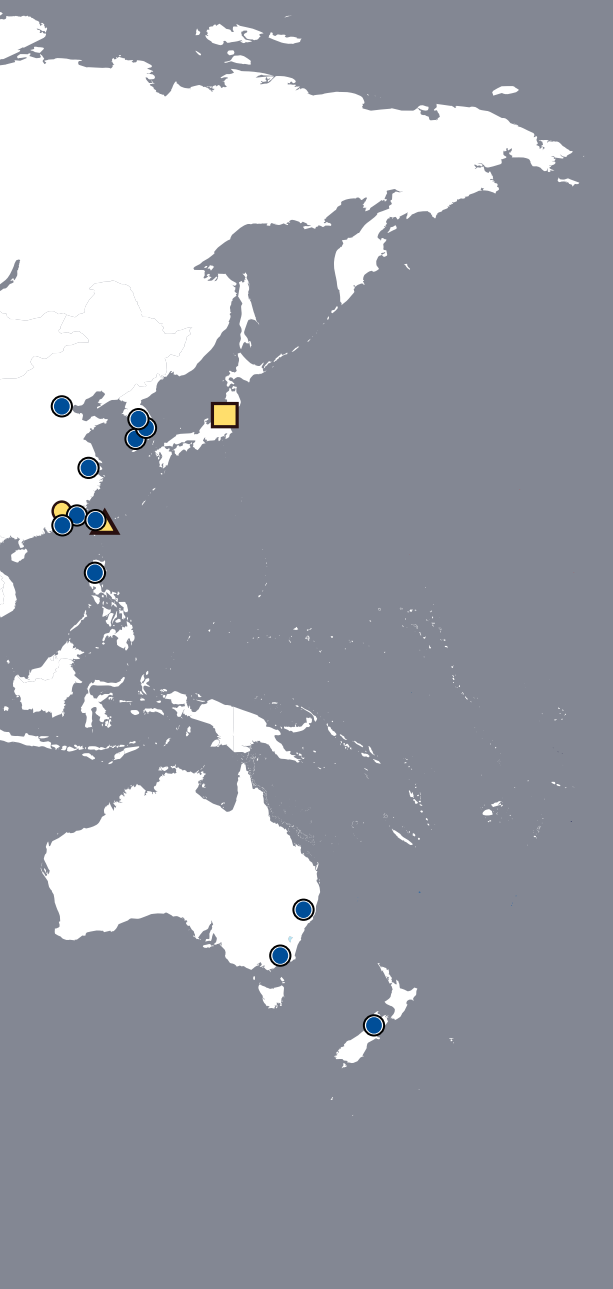


 **Nova Biomedical Headquarters**
United States - Waltham, MA

 **Manufacturing Sites**
United States - Waltham, MA
Billerica, MA
Taiwan - Taipei

 **Sales Subsidiaries**
Brazil - Belo Horizonte
Canada - Mississauga, Ontario
France - Les Ulis, Courtaboeuf
Germany - Mörfelden-Walldorf
Italy - Lainate, Milan
Japan - Minato-ku, Tokyo
Spain - Barcelona
Switzerland - Zurich
United Kingdom - Runcorn, Cheshire

 **International Dealers**
110 Dealers Worldwide



Nova Biomedical Is One of the World's Fastest Growing In Vitro Diagnostics Companies

Nova Biomedical is the largest privately held in vitro diagnostics (IVD) company in the United States and the third largest in the world, employing over 1,300 people. Our eight percent annual growth rate over the last decade is triple the average IVD market growth, making Nova one of the fastest growing IVD companies in the world. Nearly 60 percent of U.S. hospitals use Nova analyzers.

Nova's size and rapid growth are the result of customers throughout the world responding to the exceptional quality and value of Nova's technology, products, and customer service. Our strong corporate commitment to these areas has made Nova a world leader in human and animal blood testing.

A Commitment to Veterinary Diagnostics

Whole blood IVD for human and veterinary medicine has been our focus since 1976. Our Stat Profile critical care analyzers provide important advances for veterinary emergency and critical care medicine, with the ability to deliver a 22-test critical care profile in about one minute with just two drops of whole blood at a very low cost. Stat Profile critical care analyzers have been placed in over 1,000 veterinary hospitals and emergency centers, veterinary medical schools, aquariums, zoos, and thoroughbred race tracks throughout the world. Our handheld StatStrip and StatSensor meters for creatinine, glucose, ketone, lactate, cholesterol, hemoglobin, and hematocrit testing are used by veterinary practices to assess kidney function, diabetes, ketosis, sepsis, and anemia. These analyzers are easy to use, portable, and have very small whole blood samples (1 to 2 μ L). Nova provides veterinarians with a full menu of after-sales programs to meet all technical and support needs, including product training, telephone technical assistance, and onsite assistance by technical product specialists.

All of Nova's veterinary analyzers provide excellent accuracy and analytical performance. In addition to veterinary use, these analyzers have been cleared by the U.S. Food and Drug Administration (FDA) for human use and also display the CE mark indicating conformity with health, safety, and environmental protection standards for products sold within the European Economic Area.

A Global Company

Nova has sales and service operations in 100 countries, through subsidiaries and distributors. Nova's wholly-owned subsidiaries are located in Brazil, Canada, France, Germany, Italy, Japan, Spain, Switzerland, the United Kingdom, and the U.S., with distributors in 95 additional countries. Nova's subsidiaries and distributors provide product information, demonstrations, local inventory, and complete technical support. Whether you are located in North America, Europe, Russia, the Middle East, Africa, Asia, the Pacific Islands, Latin America, or the Indian Subcontinent, Nova can support your animal testing needs.

Nova's global manufacturing operations take place in four facilities certified to comply with International Organization for Standardization (ISO) standard 13485 and are located in Waltham and Billerica, Massachusetts, U.S. and Taipei, Taiwan. These facilities occupy a total of 430,000 square feet (40,000 square meters) of manufacturing space.

- **International Sales Support Offices**
 - Africa - Hamburg, Germany
 - Asia Pacific - Hong Kong, China
 - Central & South America - Miami, FL, USA
 - Southern Europe - London, United Kingdom
 - Middle East - Dubai, UAE
 - Russia - Hamburg, Germany
 - Western Europe - Siena, Italy

A Technology Leader

Nova Biomedical is the world leader in whole blood biosensor development. Beginning with the world's first whole blood biosensors for sodium, potassium, and ionized calcium, Nova was the first to develop over 20 whole blood biosensors. Some biosensors are not available from any other manufacturer. Our StatStrip glucose biosensor technology, which measures and corrects for interferences, has achieved worldwide scientific acclaim for its breakthrough improvement in accuracy. Over 200 published scientific studies have proven the laboratory-equivalent accuracy of StatStrip in point-of-care settings such as intensive care, neonatal intensive care, surgery, and burn care. It is the only glucose biosensor proven to have no clinical interferences and accurate enough to have been cleared by the FDA for use with critically ill patients.

In addition to whole blood biosensor technology that utilizes electrochemistry, we have developed analyzers using whole blood immunoassays, whole blood photometry, and whole blood digital imaging techniques.

Maintaining leadership in any technology industry requires a long-term perspective and commitment to research and development. Nova Biomedical has consistently invested more than 10 percent of sales into research and development—double the industry average. Nova employs over 135 scientists and engineers in research and development, including 25 doctoral level scientists. Our investment in research and development provides continuous product improvement and new advanced technology for our customers.

Directed by Medical Science

Through our Medical and Scientific Affairs department, we work with clinicians throughout the world to study areas of clinical need that can be improved through the application of our measurement technologies. We also encourage studies of our products in patient populations that stress the limits of analytical performance. Over 200 papers have been published in peer-reviewed journals over the last eight years that validate the excellent performance of our products in patients with sepsis and septic shock, trauma, kidney disease/injury, burns, oncology, and surgery.

STAT PROFILE Prime⁺VET



Stat Profile Prime Plus[®] VET Analyzer

Prime Plus VET is a comprehensive, rapid, critical care analyzer that measures 22 tests including blood gases, electrolytes, metabolites, and CO-Oximetry in about 1 minute from 135 μ L of whole blood. Prime Plus VET combines maintenance-free, replaceable cartridge technology for sensors and reagents with patented, new, maintenance-free, and non-lysing whole blood CO-Oximetry. Prime Plus VET provides customizable species test panels for canine, feline, equine, bovine, and porcine testing, as well as open panels for up to 30 other species. Each species panel has its own user defined reference range.

Test Menu:

pH PCO₂ PO₂ SO₂% Na K Cl iCa TCO₂ iMg Glu Lac
BUN (Urea) Creat Hct O₂Hb COHb MetHb HHb tHb HbF
tBil and 32 other calculated results

Dimensions:

Width: 14.2 in (36.7 cm) Depth: 15.5 in (39.4 cm)
Height: 18.2 in (46.2 cm) Weight: 69 lb (31.3 kg)

Critical Care Blood Gas Analyzers

STAT PROFILE PrimeVET[®]



Stat Profile Prime[®] VET Analyzer

Prime VET combines new consumer based micro-electronics with new technology micro-sensor cartridges to produce a smaller, faster, more powerful, and less expensive analyzer for blood gas, electrolyte, and metabolite testing. Prime VET's 10-test critical care profile is ready in about 1 minute, with throughput of up to 45 samples per hour. Prime VET's maintenance-free calibrator and sensor cartridges lower costs. Simple, color touchscreen operation and automated, liquid quality control are standard features.

Test Menu:

pH PCO₂ PO₂ Na K Cl iCa Glu Lac Hct

Dimensions:

Width: 12 in (30.5 cm) Depth: 14.35 in (36.2 cm)
Height: 15.38 in (39.06 cm) Weight: 17.9 lb (8.167 kg)

STAT PROFILE PrimeVET[®] ELECTROLYTE SYSTEM



Stat Profile Prime[®] VET Electrolyte Analyzer

An advanced technology electrolyte analyzer that has all sensors combined in a single, replaceable, maintenance-free card for a simple and easy-to-use device. The Prime VET electrolyte analyzer measures electrolytes on whole blood, serum plasma, and urine. Results are available as fast as 1 minute.

Test Menu:

Na K Cl iCa iMg

Dimensions:

Width: 12 in (30.5 cm) Depth: 14.35 in (36.2 cm)
Height: 15.38 in (39.06 cm) Weight: 17.9 lb (8.167 kg)



Veterinary Portable Meters

Nova's veterinary meters are portable and easy to use. They are operated the same way as glucose meters used by people with diabetes. Nova's meters employ single-use biosensors that do not need calibration or preparation before use. Blood sample volume is small (1-2 μ L per test) and can be obtained using a lancet. Capillary action draws the sample into the biosensor.

StatStrip[®] GLUCOSE



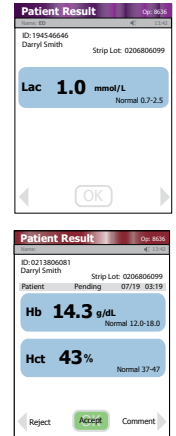
With data storage plus full data transmission and connectivity

StatStrip[®] GLUCOSE/KETONE* (Two Test Strips)



With data storage plus full data transmission and connectivity

StatStrip[®] LACTATE/HEMOGLOBIN/HEMATOCRIT* (Two Test Strips)



With data storage plus full data transmission and connectivity

STATSTRIP[®] Xpress[®] 2 GLUCOSE



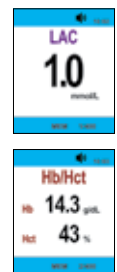
With data storage

STATSTRIP[®] Xpress[®] 2 GLUCOSE/KETONE* (Two Test Strips)



With data storage

STATSTRIP[®] Xpress[®] LACTATE/HEMOGLOBIN/HEMATOCRIT* (Two Test Strips)



With data storage

Blood Glucose Monitoring

The world's most accurate hospital glucose meter technology—proven in over 200 publications of hospital studies. The only glucose meters cleared by the U.S. FDA for use with critically ill patients.

Blood Glucose and Ketone Monitoring

The world's most accurate hospital glucose meter technology adds ketone measurement with a separate biosensor.

Lactate Assessment and Monitoring

Lactate is a biomarker for assessing and guiding therapy for tissue hypoxia in sepsis and septic shock.

- 0.6 μ L, results in 13 seconds

and

Anemia and Blood Donor Screening

Measures, not calculates, both hemoglobin and hematocrit.

- 1.6 μ L, results in 40 seconds

Meters can be used either as a single purpose for Lactate only or Hemoglobin/Hematocrit only, or as a dual purpose meters.

*Not yet available in the U.S. or Canada

Stat Sensor[®] CREATININE



With data storage plus full data transmission and connectivity

STAT SENSOR *Vitesse*[®] CREATININE*



With data storage

Kidney Function Assessment

Measures creatinine on 1.2 microliters of capillary, venous, or arterial blood in just 30 seconds for rapid point-of-care assessment of kidney function.

- 1.2 μ L, results in 30 seconds

LACTATE PLUS LACTATE



With data storage

Tissue and Muscle Hypoxia

Nova offers a meter for blood lactate—a key indicator for aerobic conditioning and endurance training of animals.

NOVA Max^{CHOL}[™] CHOLESTEROL*



With data storage

Nova Max Cholesterol Meter

Measures cholesterol on 1.6 microliters of blood in just 30 seconds. Wide measurement range up to 10.4 mmol/L (400 mg/dL).

nova Vet[™] KETONE/GLUCOSE



With data storage

Nova Vet[™] Ketone/Glucose Meter

Measures blood beta-hydroxybutyrate, the gold standard for detecting subclinical ketosis in animals. Nova Vet's single-use biosensor provides accurate ketone results in 10 seconds from a 0.8 μ L whole blood sample. Glucose testing can be performed with the same meter.

Accessories

Safety Lancets



Controls



Carrying Case



Best-in-Industry Customer Technical Support

Nova provides customers with comprehensive programs to meet all technical and support needs. Nova and our distributors maintain a staff of technical support personnel, including training and implementation representatives, technical product specialists, IT connectivity specialists, and technical assistance staff. Customer support for our products begins with installation, staff training, and implementation performed by specialists in these areas. Upon completion of training and implementation, Nova's technical assistance representatives are available 24/7 to answer questions and provide technical assistance via telephone. In the event that onsite assistance is needed, our field technical specialists respond rapidly. Our customer support personnel and services have helped us earn a worldwide reputation for providing best-in-industry technical support.

Over 40 Years of Experience

Nova Biomedical is a reliable, experienced IVD device company with more than 40 years of successful product development, manufacturing, sales, and service experience. Since our incorporation in 1976, Nova has developed over 100 IVD products cleared by the FDA, and has sold over 20,000 hospital laboratory critical care analyzers and over 600,000 hospital meters for glucose, ketone, creatinine, and lactate assays. We have never received an FDA warning letter, had an FDA mandated recall, or had any interruption in product supply.



nova
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