



Labtest 
A VIRTUE COMPANY

PRODUCT CATALOGUE



labtest.com.br

VIRTUE IS COMING TO BRAZIL. AND LABTEST, GOING OUT TO THE WORLD.

We are proud to announce that Labtest is now a Virtue Diagnostics company - whose great expertise in Research and Development will further enhance our innovation and commitment to offering excellent products.

Our gaze takes on the world, as Virtue, which is headquartered in Singapore and has manufacturing units installed in China and Indonesia, will expand Labtest beyond Brazil and the countries where we already operate, expanding our production capacity and, of course, our portfolio. All so that this common mission remains alive and stronger: accelerating innovation in in vitro diagnostics to build a healthier world.

We are Labtest. We are Virtue.

 **EXPANSION TO
OTHER COUNTRIES**

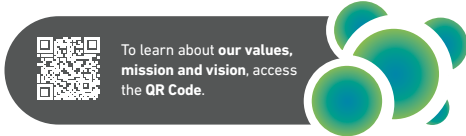
 **MORE
INVESTMENT
IN RESEARCH
AND INNOVATION**

 **NEW
PRODUCTS**



Labtest Diagnóstica is one of the largest in vitro diagnostic industries in Brazil, nationally and internationally recognized as a reference in the biotechnology market. Founded in 1971, it has become synonymous with quality due to its methodological and scientific rigor in the development and manufacture of solutions for in vitro diagnosis.

At the 50-year milestone, Labtest has merged into Virtue Diagnostics, an innovative Singapore-based IVD company, which has brought its youthful perspective and bold drive in research and development.

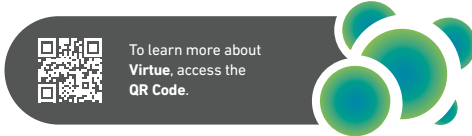


To learn about our values, mission and vision, access the QR Code.



Virtue Diagnostics is a provider of in vitro diagnostic solutions committed to innovation platforms for emerging markets. The company has a management team with decades of experience and a global view of the IVD market, along with robust research and development, operations and commercialization capabilities.

With Research and Development centers at its headquarters in Singapore, in addition to China and now in Brazil, it also has industrial bases installed in China and Indonesia, and is preparing the expansion of the Labtest industrial plant in Brazil.



To learn more about Virtue, access the QR Code.



LABTEST REAGENTS

Tradition, innovation and excellence in laboratory diagnostics.

Innovation and pioneering spirit, Labtest's successful trajectory

- 1971 Development of the first Triglycerides reagent produced in Brazil.
- 1982 First national company to use enzymes as analysis tools.
- 1999 Launch of the line of Ready-to-Use reagents, preserved in the form of stable liquids.
- 2002 Inauguration of the automation center and launch of clinical analysis equipment.
- 2012 R&D Labtest gains autonomy and presents the lines of turbidimetry and chemiluminescence, in addition to the first specific reagents for veterinary samples.
- 2020 Expansion of the portfolio of Rapid Tests and POC with solutions to face the COVID-19 pandemic.
- 2022 It is integrated into the multinational Virtue Diagnostics, an innovative IVD company based in Singapore.

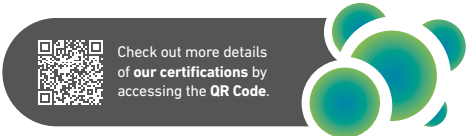


QUALITY

Labtest's Quality Policy complies with strict national and international technical requirements. The company has the main certifications in its segment.

Methodological and scientific rigor to ensure traceability and reliability of test results.

In addition to being subjected to strict internal quality control, Labtest reagents continuously participate in external proficiency programs.



Certifications





Uric Acid Liquiform REF.: 140
Presentation: 1 x 100 mL and 1 x 250 mL
Methodology: Enzymatic Trinder
Sample: serum, urine or synovial fluid
Linearity Range: to 20 mg/dL

Albumin REF.: 19
Presentation: 1 x 250 mL
Methodology: Bromocresol Green
Sample: serum
Linearity Range: to 6,0 g/dL

ALT/GPT Liquiform REF.: 108
Presentation: 1 x 100 mL and 2 x 100 mL
Methodology: Kinetic UV-IFCC
Sample: serum or plasma
Linearity Range: to 400 U/L

Amylase CNPG Liquiform REF.: 142
Presentation: 2 x 30 mL
Methodology: α-Gal-G2-CNP Substrate
Sample: serum, plasma (heparin), urine or fluids (ascitic, duodenal and pleural)
Linearity Range: to 1700 U/L

AST/GOT Liquiform REF.: 109
Presentation: 1 x 100 mL and 2 x 100 mL
Methodology: Kinetic UV-IFCC
Sample: serum or plasma
Linearity Range: to 400 U/L

Bili-D Liquiform REF.: 93
Presentation: 1 x 104 mL
Methodology: Labtest DCA
Sample: serum or plasma
Linearity Range: to 12 mg/dL

Bilirrubina REF.: 31
Presentation: 1 x 375 mL
Methodology: Sims-Horn
Sample: serum or plasma
Linearity Range: to 25 mg/dL

Bili-T Liquiform REF.: 94
Presentation: 1 x 104 mL
Methodology: Labtest DCA
Sample: serum or plasma
Linearity Range: to 30 mg/dL

Ca Arsenazo Liquiform REF.: 95
Presentation: 2 x 50 mL
Methodology: Colorimetric (Arsenazo III)
Sample: serum, plasma or urine
Linearity Range: to 17 mg/dL

Cálcio Liquiform REF.: 90
Presentation: 2 x 60 mL
Methodology: Colorimetric (CPC - cresoltaleína)
Sample: serum, plasma (heparin) or urine
Linearity Range: to 16 mg/dL

Iron Binding Capacity REF.: 41
Presentation: 40 determinations
Methodology: Goodwin modified
Sample: serum
Linearity Range: to 450 µg/dL

CK-MB Liquiform REF.: 118
Presentation: 2 x 30 mL
Methodology: UV Immunoinhibition-IFCC
Sample: serum or plasma
Linearity Range: to 600 U/L

CK-NAC Liquiform REF.: 117
Presentation: 2 x 30 mL
Methodology: UV-IFCC
Sample: serum or plasma
Linearity Range: to 2000 U/L

Chloride Liquiform REF.: 115
Presentation: 1 x 50 mL
Methodology: Mercury Thiocyanate
Sample: serum, plasma, urine or fluid
Linearity Range: to 130 mEq/L

HDL Cholesterol REF.: 13
Presentation: 1 x 50 mL
Methodology: Colorimetric (precipitation)
Sample: serum or plasma
Linearity Range: to 200 mg/dL

Cholesterol Liquiform REF.: 76
Presentation: 2 x 100 mL
Methodology: Enzymatic Trinder
Sample: serum
Linearity Range: to 500 mg/dL

Cholinesterase Liquiform REF.: 139
Presentation: 1 x 30 mL
Methodology: Cinética - DGKC
Sample: suero o plasma
Linearity Range: 80 - 20000 U/L

Creatinine REF.: 35
Presentation: 100 determinations
Methodology: Colorimetric (Alkaline Picrate - Jaffé)
Sample: serum, plasma or urine
Linearity Range: 0,2 - 12 mg/dL

Enzymatic Creatinine SD REF.: 167
Presentation: 2 x 72 mL
Methodology: Enzimatic Trinder
Sample: serum or urine
Linearity Range: to 100 mg/dL

Creatinina K REF.: 96
Presentation: 1 x 300 mL
Methodology: Alkaline Picrate (Jaffé)
Sample: serum, plasma or urine
Linearity Range: 0,2 - 12 mg/dL

Fe Liquiform REF.: 91
Presentation: 2 x 50 mL
Methodology: Labtest - Ferrozine
Sample: serum
Linearity Range: to 1000 µg/dL

Serum Iron REF.: 38
Presentation: 80 determinations
Methodology: Colorimetric (Goodwin modified)
Sample: serum
Linearity Range: to 1000 µg/dL

Alkaline Phosphatase Liquiform REF.: 79
Presentation: 2 x 100 mL
Methodology: Colorimetric (Bowers and Mc Comb modified)
Sample: serum, plasma or urine
Linearity Range: to 20 mg/dL

Phosphorus UV Liquiform REF.: 12
Presentation: 2 x 100 mL
Methodology: Daly and Ertingshausen modified
Sample: serum, plasma or urine
Linearity Range: to 20 mg/dL

Fructosamine REF.: 97
Presentation: 6 x 15 mL
Methodology: NBT reduction (nitrotetrazolium blue)
Sample: serum or plasma
Linearity Range: 20 - 800 µmol/L

Gamma GT Liquiform REF.: 105
Presentation: 2 x 30 mL and 2 x 50 mL
Methodology: Szasz modified
Sample: serum or plasma
Linearity Range: to 700 U/L

Glucose HK Liquiform REF.: 137
Presentation: 2 x 100 mL
Methodology: UV (Bondar and Mead modified)
Sample: serum, plasma, urine and other biological fluids
Linearity Range: to 700 mg/dL

Glucose PAP Liquiform REF.: 84
Presentation: 1 x 500 mL and 2 x 500 mL
Methodology: GOD-Trinder
Sample: blood, cerebrospinal, pleural, synovial and ascetic fluids
Linearity Range: 500 mg/dL

HDL LE REF.: 98
Presentation: 1 x 80 mL
Methodology: Colorimetric (Accelerator - Selective detergent)
Sample: serum or plasma
Linearity Range: 2,5 - 200 mg/dL

Homocysteine REF.: 130
Presentation: 1 x 24 mL
Methodology: Enzymatic cyclic
Sample: serum or plasma
Operating Range: 3 - 50 µmol/L

IBC Liquiform REF.: 92
Presentation: 2 x 65 mL
Methodology: Colorimetric (Labtest - Ferrozine)
Sample: serum
Linearity Range: to 500 µg/dL

Enzymatic Lactate REF.: 138
Presentation: 1 x 50 mL
Methodology: Enzymatic - Trinder
Sample: plasma (fluoride) or cephalouachidian liquid
Linearity Range: 150 mg/dL

LDH Liquiform REF.: 86
Presentation: 2 x 30 mL and 1 x 100 mL
Methodology: Lactate-pyruvate
Sample: serum or plasma
Linearity Range: 2000 U/L

LDL Liquiform REF.: 111
Presentation: 1 x 40 mL
Methodology: Enzymatic - Trinder
Sample: plasma (fluoride) or cephalouachidian liquid
Linearity Range: 992 mg/dL

Lipase Liquiform REF.: 107
Presentation: 3 x 16 mL
Methodology: Enzymatic colorimetric
Sample: serum or plasma
Linearity Range: 3,0 - 300 U/L

Magnesio REF.: 50
Presentation: 1 x 200 mL
Methodology: Labtest - Magon Sulfonated
Sample: serum, plasma, urine or cerebrospinal fluid
Linearity Range: 4,5 mg/dL

Enzymatic Potassium REF.: 152
Presentation: 1 x 33 mL
Methodology: Enzymatic
Sample: serum
Linearity Range: 2,0 - 8,0 mmol/L

Total Proteínas REF.: 99
Presentation: 1 x 250 mL
Methodology: Biuret
Sample: serum or fluids (ascitic, pleural and synovial)
Linearity Range: 14 g/dL

Sensiprot REF.: 36
Presentation: 1 x 50 mL
Methodology: Rojo de Pirogalol
Sample: urine or cerebrospinal fluid
Linearity Range: 100 mg/dL

Sodium REF.: 163
Presentation: 1 x 30 mL
Methodology: Enzymatic
Sample: serum
Linearity Range: 80 - 180 mmol/L

Triglycerides Liquiform REF.: 87
Presentation: 2 x 100 mL
Methodology: Enzymatic - Trinder
Sample: blood
Linearity Range: 1100 mg/dL



Urea CE REF.: 27
Presentation: 500 determinations
Methodology: Urease Labtest
Sample: blood or urine
Linearity Range: 300 mg/dL

Urea UV Liquiform REF.: 104
Presentation: 4 x 50 mL and 2 x 250 mL
Methodology: Enzymatic UV
Sample: serum, plasma or urine
Linearity Range: 300 mg/dL

CONTROLS AND STANDARDS

Calibra H REF.: 80
Presentation: 1 x 3 mL and 6 x 3 mL

Calibra Homocisteína REF.: 131
Presentation: 5 x 0,5 mL

Padrão de Bilirrubina REF.: 32
Presentation: 1 x 3 mL

Qualitrol 1H REF.: 71
Presentation: 1 x 5 mL and 6 x 5 mL

Qualitrol 2H REF.: 72
Presentation: 1 x 5 mL and 6 x 5 mL

Qualitrol CK REF.: 106
Presentation: 2 x 3 mL

Qualitrol Homocisteína REF.: 132
Presentation: 2 x 3 mL



To learn more about our
Clinical Chemistry, line
access the QR Code.



TURBIDIMETRY



ASO Turbiquest Plus REF.: 333
Presentation: 1 x 50 mL (standar included)
Methodology: Immunoturbidimetric
Sample: serum
Linearity Range: to 800 UI/mL

AGP Turbiquest REF.: 356
Presentation: 1 x 38 mL
Methodology: Immunoturbidimetric
Sample: serum or plasma
Linearity Range: 4 ~ 150 mg/dL

C3 Turbiquest REF.: 354
Presentation: 1 x 20 mL
Methodology: Immunoturbidimetric
Sample: serum or plasma
Linearity Range: 3 ~ 500 mg/dL

C4 Turbiquest REF.: 355
Presentation: 1 x 24 mL
Methodology: Immunoturbidimetric
Sample: serum or plasma
Linearity Range: 0,8 ~ 90 mg/dL

Cystatin C Turbiquest Plus REF.: 350
Presentation: 1 x 30 mL
Methodology: Immunoturbidimetric
Sample: serum or plasma
Linearity Range: 0,2 - 8,0 mg/L

Ferritin Turbiquest Plus REF.: 334
Presentation: 1 x 50 mL
Methodology: Immunoturbidimetric
Sample: serum
Linearity Range: 5 - 600 ng/mL

RF Turbiquest Plus REF.: 332
Presentation: 1 x 50 mL
Methodology: Immunoturbidimetric
Sample: serum
Linearity Range: 6 - 160 UI/mL

HbA1c Turbiquest REF.: 385
Presentation: 1 x 40 mL
Methodology: Immunoturbidimetric
Sample: whole blood
Linearity Range: 3 - 13%

HbA1c WH Turbiquest REF.: 395
Presentation: 1 x 40 mL
Methodology: Immunoturbidimetric
Sample: whole blood or cells concentrate
Linearity Range: to 16,5%

IgA Turbiquest REF.: 358
Presentation: 1 x 20 mL
Methodology: Immunoturbidimetric
Sample: serum or plasma
Linearity Range: 5 - 800 mg/dL

IgE Turbiquest REF.: 363
Presentation: 1 x 30 mL
Methodology: Immunoturbidimetric
Sample: serum or plasma
Linearity Range: 25 - 500 UI/mL

IgG Turbiquest REF.: 359
Presentation: 1 x 20 mL
Methodology: Immunoturbidimetric
Sample: serum or plasma
Linearity Range: 34 - 3900 mg/dL

IgM Turbiquest REF.: 360
Presentation: 1 x 20 mL
Methodology: Immunoturbidimetric
Sample: serum or plasma
Linearity Range: 5 - 330 mg/dL

Microalbuminuria Turbiquest Plus REF.: 348
Presentation: 1 x 30 mL (standard included)
Methodology: Immunoturbidimetric
Sample: urine
Linearity Range: 3 - 500 mg/L

NGAL Turbiquest REF.: 365
Presentation: 1 x 20 mL
Methodology: Immunoturbidimetric
Sample: plasma or urine
Linearity Range: 25 - 5000 ng/mL

CRP Turbiquest Max REF.: 3002
Presentation: 1 x 50 mL
Methodology: Immunoturbidimetric
Sample: serum
Linearity Range: 2 - 200 mg/L

CRP Turbiquest Plus REF.: 331
Presentation: 1 x 50 mL (standard included)
Methodology: Immunoturbidimetric
Sample: serum
Linearity Range: 2 - 100 mg/L

CRP Ultra Turbiquest Max REF.: 3005
Presentation: 1 x 40 mL
Methodology: Immunoturbidimetric
Sample: serum
Linearity Range: 0,05 - 10 mg/L

Transferrin Turbiquest REF.: 357
Presentation: 1 x 50 mL
Methodology: Immunoturbidimetric
Sample: serum or plasma
Linearity Range: 6 ~ 650 mg/dL

Vitamin D Turbiquest REF.: 177
Presentation: 1 x 50 mL
Methodology: Immunoturbidimetric
Sample: serum and plasma
Linearity Range: 7,6 - 147,8 ng/mL

CONTROLS AND STANDARDS

Calibra HbA1c Turbiquest REF.: 386
Presentation: 5 x 1 mL

Calibra HbA1c WH REF.: 396
Presentation: 5 x 0,5 mL

Calibra IgE REF.: 364
Presentation: 1 x 1 mL

Calibra NGAL REF.: 367
Presentation: 5 x 1 mL

Calibra CRP Max REF.: 3003
Presentation: 1 x 1 mL

Calibra CRP Ultra Max REF.: 3006
Presentation: 1 x 2 mL

Calibra Plus Cystatin C REF.: 351
Presentation: 5 x 1 mL

Calibra Proteins REF.: 361
Presentation: 5 x 0,5 mL

Calibra Vitamin D REF.: 178
Presentation: 5 x 2 mL

Glicotrol REF.: 303
Presentation: 2 x 0,5 mL

Qualitrol ASO-FR-CRP REF.: 374
Presentation: 2 x 1 mL

Qualitrol Plus AEO-FR-PCR REF.: 343
Presentation: 2 x 1,0 mL

Qualitrol Ferritin - IgE REF.: 377
Presentation: 2 x 2 mL

Qualitrol NGAL REF.: 366
Presentation: 2 x 1 mL

Qualitrol CRP Ultra REF.: 380
Presentation: 1 x 0,5 mL

Qualitrol Plus Cystatin C REF.: 352
Presentation: 2 x 2 mL

Qualitrol Plus Microalbuminúria REF.: 349
Presentation: 1 x 3 mL

Qualitrol Proteins REF.: 362
Presentation: 2 x 1 mL

Qualitrol Vitamin D REF.: 179
Presentation: 2 x 3mL



To learn more about our
Turbidimetry line, access
the QR Code.



ANALYZERS FOR BIOCHEMISTRY AND TURBIDIMETRY

Labtest offers automation solutions for different laboratory profiles. High performance equipment incorporated to excellence in service provision. Ideal solutions for those looking for quality and greater productivity in the laboratory routine.

The Audmax Family comprises automatic analyzers for biochemical and turbidimetric determinations. They are robust and high-precision equipment, which provide more productivity in sample analysis and low consumption of reagents. And the Aud-H Family meets the needs of the most demanding laboratories, offering efficiency and reliability in hematological analysis, with a 3- and 5-part differential count.

Count on state-of-the-art technology and the support of Labtest's services of excellence in scientific advice and technical assistance.

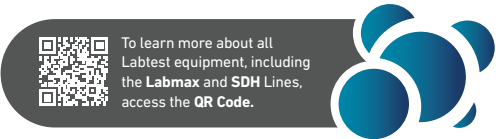
Audmax Evolution

Compact and efficient: an evolution for your laboratory

- Throughput of 180 photometric tests/hour; 540 tests when combined with ISE module (optional);
- Minimum reaction volume: 100 µL;
- 12 reading filters (340 - 800nm);
- Flexible reagent tray with up to 80 positions;
- 40 sample positions;
- 56 reaction cuvettes;
- Barcode reader for samples and reagents;
- Emergency Sample Analysis (STAT);
- High sensitivity automatic detector for liquid level;
- Possibility of carrying out on-board HbA1c hemolysate.



To learn more about Audmax Evolution, access the QR Code.



Audmax 240i

High productivity with random access and onboard HbA1c hemolysis

- Throughput of up to 240 photometric tests/hour and up to 400 tests/hour combined with ISE module (optional);
- Minimum reaction volume: 100 µL;
- 12 reading filters (340 - 800 nm);
- Capacity of up to 100 reagent positions with built-in barcode reading;
- Up to 100 sample positions;
- Integrated random access for routine and emergency analysis;
- Automatic and efficient washing of the 80 reaction cuvettes;
- ISE module (optional) available for measuring sodium, potassium and chlorides;
- Reagents available in specific bottles for this equipment.



To learn more about Audmax 240i, access the QR Code.

Audmax 360

Agility and efficiency in laboratory routine

- Up to 360 photometric tests/hour and 540 tests/hour combined with ISE module (Optional);
- Minimum reaction volume 100 µL;
- 12 reading filters (340 - 800nm);
- Up to 100 interchangeable reagent positions - 20 mL or 40 mL reagent vials;
- Up to 100 sample positions;
- Vertical obstruction detection and monitoring the level of samples and reagents;
- Integrated random access for routine and emergency analysis;
- Efficient automatic cuvette washing in 8 stages;
- On-board preparation for HbA1c test hemolysate;
- Reagents available in specific bottles for this equipment.



To learn more about Audmax 360, access the QR Code.

Audmax 400

Time saving and reliability

- Floor analyzer with constant throughput of 400 tests/hour with optional ISE, adding a maximum speed of 800 tests/hour;
- Reduced reaction volume (from 120 µL);
- 12 reading filters (340 - 800nm);
- Individualized probes for reagents and samples, with homogenization by mixer;
- Random access with 115 sample positions and level sensor on sample and reagent probes;
- Dual Disc Reagent Tray - Up to 67 reagent positions on the R1 disc and 45 reagent positions on the R2 disc;
- Automatic checking of reaction cuvettes;
- Efficient cuvette washing;
- On-board hemolysate preparation function for HbA1c, without the need for sample centrifugation;
- Reagents available in specific bottles for this equipment.



To learn more about
Audmax 400, access
the QR Code.



Audmax 600

High productivity, and Flexibility

- Floor analyzer with throughput of 600 photometric tests/hour; 1000 tests/hour when combined with ISE (optional);
- Reduced reaction volume (from 120 µL);
- 12 reading filters (340 - 800nm);
- Individualized probes for reagents and samples, with homogenization by mixer;
- 112 refrigerated positions for reagents;
- 115 positions for samples, controls, calibrators and detergents;
- Barcode reader for samples and reagents;
- Software in Windows environment, with a user-friendly, functional and easy-to-navigate interface;
- Display, in real time, of analytical runs;
- On-board hemolysate preparation function for HbA1c, without the need for sample centrifugation;
- Reagents available in specific bottles for this equipment.



To learn more about
Audmax 600, access
the QR Code.



Vercentra CH-200
Economical and efficient

- Benchtop analyzer with a nominal speed of 200 photometric tests/hour;
- Reaction volume: 150 to 330 µL;
- Up to 80 refrigerated reagent reservoirs, with optional barcode reading;
- 40 sample positions with random access;
- Automatic and efficient washing of the 44 reaction cuvettes;
- Level detector for samples and reagents;
- Homogenization by mixer;
- Individual probe for reagent and samples;
- Software that manages the reagent tray, identifies dirty cuvettes, schedules washes between tests and establishes access privileges for each user.



To learn more about
Vercentra CH-200,
access the **QR Code**.



HEMATOLOGY



AUD-H3 SOLUTIONS

Diluent REF.: M-30D
Presentation: 1 x 20 L

Lysing REF.: M-30CFL
Presentation: 1 x 500 mL

AUD-H Probe Cleaner REF.: 7001
Presentation: 1 x 50 mL

AUD-H5 SOLUTIONS

Diluent REF.: M-68DS
Presentation: 1 x 20 L

DIFF - Lysing REF.: M-52 DIFF
Presentation: 4 X 500 mL

LH - Lysing REF.: M-52LH
Presentation: 4 x 100 mL

AUD-H Probe Cleaner REF.: 7001
Presentation: 1 x 50 mL

AUD-H 5AL SOLUTIONS

Diluent REF.: M-53D
Presentation: 1 x 20 L

Lysing I REF.: M-53LEO (I)
Presentation: 4 x 1 L

Lysing II REF.: M-53LEO (II)
Presentation: 4 x 200 mL

Lysing LH REF.: M-53LH
Presentation: 4 x 500 mL

AUD-H Probe Cleaner REF.: 7001
Presentation: 1 x 50 mL

CONTROLS

BC-3D Hemato. Control (Aud-H 3)
Presentation: 3 x 3 mL

BC-5D Hemato. Control (Aud-H 5 y 5AL)
Presentation: 6 x 3 mL

SDH Control REF.: 207
Presentation: 3 x 4,5 mL



To learn more about
our **Hematology** line,
access the **QR Code**.



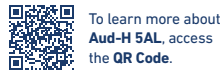
HEMATOLOGY ANALYZERS

Aud-H Family meets the needs of the most demanding laboratories, offering efficiency and reliability in hematological analysis, with a 3- and 5-part differential count.

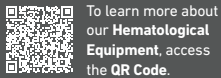
Aud-H 5AL

High productivity and dynamism

- Hematological analyzer with 5-part differential, automatic and quantitative;
- Throughput of up to 60 samples per hour with automatic loading (Autoloader) and the possibility of inserting an emergency sample;
- It provides 27 parameters (WBC, Lym%, Mon%, Neu%, Eos%, Bas%, Lym#, Mon#, Neu#, Eos#, Bas#, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV, RDWSD, PLT, MPV, PDW, PCT, LIC%, LIC#, ALY%, ALY#);
- 3 histograms and 1 scatter;
- Flow cytometry + semiconductor laser + chemical staining and dedicated channel for counting basophils;
- Easy maintenance with complete and intuitive software;
- Control monitoring through Levey-Jennings Chart, allowing better monitoring and management of quality control.



To learn more about Aud-H 5AL, access the QR Code.



To learn more about our Hematological Equipment, access the QR Code.



Aud-H 3

Robustness and simplicity

- Hematology analyzer with 3-part differential count, measurement of 19 parameters (WBC, LYM%, LYM#, MID%, MID#, GRA%, GRA#,RBC, HGB, MCV, MCH, MCHC, RDW-CV, RDW-SD, HCT, PLT, MPV, PDW, PCT);
- 3 histograms for WBC, RBC and PLT;
- Capacity of up to 40 samples per hour;
- Methodologies: Impedance, Photometry (hemoglobin) free of cyanide;
- Only two reagents are needed in the routine, diluent and lyser, to determine the parameters;
- Automatic sample probe wash after each analysis;
- Its pipetting system allows aspiration of reduced volumes in an open tube using 20 µL in the prediluted module and 9 µL in the whole blood module.

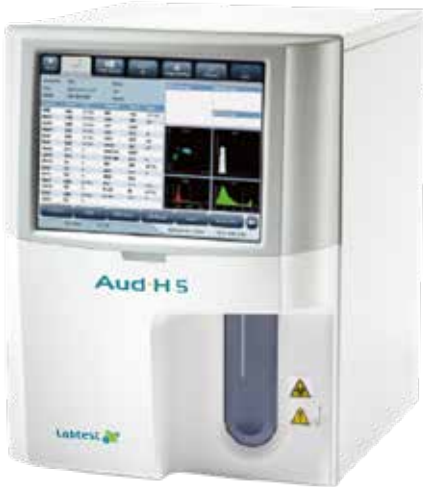


To learn more about Aud-H 3, access the QR Code.

Aud-H 5

High productivity and state-of-the-art technology

- Hematology analyzer with 5-part differential count, measurement of 25 parameters + 4 research parameters (WBC, LYM%, LYM#, NEU%, NEU#, MON%, MON#, EOS%, EOS#, BAS%, BAS#, ALY%, ALY#, LIC%, LIC#, RBC, HGB, MCV, MCH, MCHC, RDW-CV, RDW-SD, HCT);
- Histograms and a scatterplot of blood cells (scatter);
- Capacity of up to 60 samples/hour;
- It uses electrical impedance methodologies to determine RBC and PLT;
- Modern and intelligent design, allowing accommodation of the two lysants in the analyzer compartment, optimizing space;
- It uses reduced sample volume, minimizing collections and offering better performance (at 15 µL of sample in whole blood mode and 20 µL in prediluted mode);
- Evaluation of controls through Levey-Jennings Charts.



To learn more about Aud-H 5, access the QR Code.

CHEMILUMINESCENCE



Tumor

AFP Reagent Kit REF.: 4007
Presentation: 50 and 100 tests

CA-125 Reagent Kit REF.: 4028
Presentation: 50 and 100 tests

CA-15-3 Reagent Kit REF.: 4031
Presentation: 50 and 100 tests

CA-19-9 Reagent Kit REF.: 4029
Presentation: 50 and 100 tests

CA 72-4 Reagent Kit REF.: 4032
Presentation: 50 and 100 tests

CEA Reagent Kit REF.: 4036
Presentation: 50 and 100 tests

Cyfra21-1 Reagent Kit REF.: 4030
Presentation: 50 and 100 tests

fPSA Reagent Kit REF.: 4034
Presentation: 50 and 100 tests

HE4 Reagent Kit REF.: 4005
Presentation: 50 and 100 tests

NSE Reagent Kit REF.: 4043
Presentation: 50 and 100 tests

PSA Reagent Kit REF.: 4033
Presentation: 50 and 100 tests

SCC Reagent Kit REF.: 4006
Presentation: 50 and 100 tests

PG I Reagent Kit REF.: 4015
Presentation: 50 and 100 tests

PG II Reagent Kit REF.: 4016
Presentation: 50 and 100 tests

ProGRP Reagent Kit REF.: 4017
Presentation: 50 and 100 tests

Infectious

Anti-HBc Reagent Kit REF.: 4010
Presentation: 50 and 100 tests

Anti-HBe Reagent Kit REF.: 4011
Presentation: 50 and 100 tests

Anti-HBs Reagent Kit REF.: 4013
Presentation: 50 and 100 tests

Anti-HCV Reagent Kit REF.: 4014
Presentation: 50 and 100 tests

CMV IgG Reagent Kit REF.: 4040
Presentation: 50 and 100 tests

CMV IgM Reagent Kit REF.: 4039
Presentation: 50 and 100 tests

HAV IGG Reagent Kit REF.: 4065
Presentation: 50 and 100 tests

HAV IGM Reagent Kit REF.: 4066
Presentation: 50 and 100 tests

HbCAb IgM Reagent Kit REF.: 4064
Presentation: 50 and 100 tests

HBeAg Reagent Kit REF.: 4009
Presentation: 50 and 100 tests

HBsAg Qualitative Reagent Kit REF.: 4058
Presentation: 50 and 100 tests

HBsAg Reagent Kit REF.: 4008
Presentation: 50 and 100 tests

HIV Ag/Ab Combo Reagent Kit REF.: 4012
Presentation: 50 and 100 tests

Rubeola IgG Reagent Kit REF.: 4041
Presentation: 50 and 100 tests

Rubeola IgM Reagent Kit REF.: 4042
Presentation: 50 and 100 tests

Syphilis Reagent Kit REF.: 4035
Presentation: 50 and 100 tests

Toxo IgG Reagent Kit REF.: 4037
Presentation: 50 and 100 tests

Toxo IgM Reagent Kit REF.: 4038
Presentation: 50 and 100 tests

Diabetes

C-Peptide Reagent Kit REF.: 4057
Presentation: 50 and 100 tests

Insulin Reagent Kit REF.: 4056
Presentation: 50 and 100 tests

Hormonal

AMH Reagent Kit REF.: 4025
Presentation: 50 and 100 tests

Cortisol Reagent Kit REF.: 4063
Presentation: 50 and 100 tests

DHEA-S Reagent Kit REF.: 4046
Presentation: 50 and 100 tests

Estradiol Reagent Kit REF.: 4021
Presentation: 50 and 100 tests

FSH Reagent Kit REF.: 4024
Presentation: 50 and 100 tests

LH Reagent Kit REF.: 4045
Presentation: 50 and 100 tests

PRL Reagent Kit REF.: 4019
Presentation: 50 and 100 tests

Progesterone Reagent Kit REF.: 4048
Presentation: 50 and 100 tests

SHBG Reagent Kit REF.: 4047
Presentation: 50 and 100 tests

β-HCG Reagent Kit REF.: 4023
Presentation: 50 and 100 tests

Testosterone Reagent Kit REF.: 4027
Presentation: 50 and 100 tests

Thyroid

Anti-TG Reagent Kit REF.: 4020
Presentation: 50 and 100 tests

Anti-TPO Reagent Kit REF.: 4054
Presentation: 50 and 100 tests

Calcitonin Reagent Kit REF.: 4055
Presentation: 50 and 100 tests

FT3 Reagent Kit REF.: 4050
Presentation: 50 and 100 tests

FT4 Reagent Kit REF.: 4052
Presentation: 50 and 100 tests

T3 Reagent Kit REF.: 4049
Presentation: 50 and 100 tests

T4 Reagent Kit REF.: 4051
Presentation: 50 and 100 tests

TG Reagent Kit REF.: 4018
Presentation: 50 and 100 tests

TSH Reagent Kit REF.: 4053
Presentation: 50 and 100 tests

Inflammatory

PCT Reagent Kit REF.: 4026
Presentation: 50 and 100 tests

Others

Folate Reagent Kit REF.: 4069
Presentation: 50 and 100 tests

PTH Reagent Kit REF.: 4062
Presentation: 50 and 100 tests

Vitamin B12 Reagent Kit REF.: 4059
Presentation: 50 and 100 tests

25-OH-VD Reagent Kit REF.: 4022
Presentation: 50 and 100 tests

Ferritin Reagent Kit REF.: 4044
Presentation: 50 and 100 tests



To learn more about CLIA, access the QR Code.



AUTOMATIC CHEMILUMINESCENCE IMMUNOASSAY ANALYZERS (CLIA)

Accuracy and Reliability:
Fast and accurate results, reducing turnaround time and increasing operational efficiency.

Advanced Technology:
Use of acridine ester and magnetic particles for increased sensitivity and specificity.

Full automation:
Fully automated systems, accessible to all laboratories, regardless of size. Two analyzers to perform up to 120 or 240 tests per hour.

Versatility:
Covers a wide range of tests, including tumor, hormone, infectious and metabolic markers.

Efficiency:
STAT function and continuous supply of samples, reagents and consumables, without the need to stop routine equipment.



Vercentra CS-1500

Robustness and efficiency

- Benchtop analyzer with throughput of up to 120 tests/hour;
- Refrigerated tray with capacity for 15 reagents;
- System using acridine ester as a marker together with antibodies/antigens-coated magnetic particles, providing high specificity, sensitivity and agility to your routine;
- Addition of reagents and samples independently, optimizing test processing;
- Efficient needle washing, effectively reducing the residual contamination rate;
- 24 sample positions with STAT function.



To learn more about
Vercentra CS-1500,
access the **QR Code**.

SuperFlex

Efficiency, ease of operation and economy.

- Cartridge-based direct chemiluminescence analyzer with a speed of up to 60 tests/hour;
- The system uses whole blood, serum or plasma samples in 2 sample racks with 24 positions, compatible with primary tubes;
- Running items simultaneously with different incubation times or steps;
- Direct Chemiluminescence based on acridine ester;
- 24 sample positions;
- Reagents in Cardiac (NT-proBNP, D-Dimer, MYO, CK-MB, hs-cTnI) and Inflammatory (All in One CRP, PCT, IL-6) profiles, with individualized consumption, available in 50- or 100-test presentation;
- Rapid results in 5 to 15 minutes.



To learn more about
SuperFlex, access the
QR Code.

RAPID TEST



Anti SARS-CoV-2 & *M. pneumoniae* IgG/IgM Rapid Test Combo REF.: 742

Presentation: 10 and 20 determinations
Methodology: Immunochromatography
Sample: serum, plasma and whole blood
Sensitivity: Anti SARS-CoV-2 (90.0% for IgM and 95.7% for IgG) and Anti *M. pneumoniae* (91.5% for IgM and 92.2% for IgG)
Specificity: Anti SARS-CoV-2 (98.0% for IgM and 99.0% for IgG) and Anti *M. pneumoniae* (94.8% for IgM and 94.6% for IgG)

Betatest REF.: 712T and 712K7

Presentation: 25 determinations
Methodology: Immunochromatography
Sample: serum and urine
Sensitivity: 100%
Specificity: 100%
Analytical sensitivity: 25 mUI/mL

COVID-19 & FLU A/B Ag Rapid Test Combo REF.: 741

Presentation: 10 and 20 determinations
Methodology: Immunochromatography
Sample: nasopharyngeal swab
Sensitivity: COVID-19 (96.4%), Influenza A (95.0%) and Influenza B (93.0%)
Specificity: COVID-19 (99.2%), Influenza A (99.4%) and Influenza B (99.1%)

COVID-19 Ag Rapid Test REF.: 740

Presentation: 1, 5 10, 20, 40 and 100 determinations
Methodology: Immunochromatography
Sample: nasopharyngeal swab
Sensitivity: 85%
Specificity: 98.3%

COVID-19 Ag Rapid Test (Swab Naso/Oro) REF.: 743

Presentation: 1, 5 10, 20, 40 and 100 determinations
Methodology: Immunochromatography
Sample: nasopharyngeal/oropharyngeal swabs
Sensitivity: 91.6%
Specificity: 98.1%

Influenza A/B/H1N1 Ag Rapid Test Combo REF.: 744

Presentation: 10 and 20 determinations
Methodology: Immunochromatografia
Sample: nasopharyngeal/oropharyngeal swabs
Sensitivity:
Influenza A: 95%
Influenza B: 92.98%
Influenza A Subtipo H1N1: 92.59%
Specificity:
Influenza A: 99.4%
Influenza B: 99.11%
Influenza A Subtipo H1N1: 96.2%

Lab Rapid Dengue IgG/IgM REF.: 727

Presentation: 25 and 50 determinations
Methodology: Immunochromatography
Sample: serum, plasma and whole blood
Sensitivity: 97.92% for IgM and 98.29% for IgG
Specificity: 100% for IgM and 97.76% for IgG

Lab Rapid Dengue NS1 REF.: 726

Presentation: 25 and 50 determinations
Methodology: Immunochromatography
Sample: serum and plasma
Sensitivity: 100%
Specificity: 100%

Lab Rapid HBsAg REF.: 716

Presentation: 20 determinations
Methodology: Immunochromatography
Sample: serum, plasma or whole blood
Sensitivity: 99.3%
Specificity: 99.8%
Analytical sensitivity: 99.6%

Lab Rapid HCV REF.: 717

Presentation: 20 determinations
Methodology: Immunochromatography
Sample: serum, plasma or whole blood
Sensitivity: >99.9%
Specificity: 99.5%
Analytical sensitivity: 99.6%

Lab Rapid HIV Triline 1/2 REF.: 721

Presentation: 20 determinations
Methodology: Immunochromatography
Sample: serum, plasma or whole blood
Sensitivity: >99.5%
Specificity: >99.0%
Analytical sensitivity: 100%

Lab Rapid Syphilis REF.: 720

Presentation: 20 determinations
Methodology: Immunochromatography
Sample: serum, plasma or whole blood
Sensitivity: >99.9%
Specificity: 99.7%
Analytical sensitivity: 99.8%

Occult Blood IFOBT REF.: 112

Presentation: 20 determinations
Methodology: Immunochromatography
Sample: stoolseces
Sensitivity: 99.5%
Specificity: 99.6%
Analytical sensitivity: 0.04 µg/mL



To learn more about our **Rapid Test** line, access the **QR Code**.



MOLECULAR BIOLOGY



Detect SARS-CoV-2 (RT-PCR) Fast REF.: 806
Presentation: 100 determinations
Methodology: Real-time PCR
Sample: System based on Real-time Polymerase Chain Reaction Technology (RT-PCR) to qualitative detection of SARS-CoV-2 ribonucleic acid (RNA) previously extracted from respiratory specimens, preferably from human bronchoalveolar lavage fluid, nasopharyngeal swab, oropharyngeal swab and sputum.



To learn more about our Molecular Biology line, access the QR Code.



AGGLUTINATION



ASO Latex REF.: 157
Presentation: 62 determinations
Methodology: Latex agglutination
Sample: serum
Sensitivity: 200 UI/mL

RF-C Latex FR-C REF.: 158
Presentation: 50 determinations
Methodology: Latex agglutination
Sample: serum
Sensitivity: 8 UI/mL

CRP Serolates SD REF.: 144
Presentation: 120 determinations
Methodology: Agglutination
Sample: serum
Sensitivity: 6,0 mg/L



To learn more about our Agglutination, access the QR Code.



URINALYSIS



UriAction 10 REF.: 122
Presentation: 100 determinations
Methodology: Reactive strip
Sample: urine
Parameters: Glucose, Bilirubin, Ketone, Density, Blood, pH, Protein, Urobilinogen, Nitrite and Leukocytes

Uriquest Plus I REF.: 150
Presentation: 150 determinations
Methodology: Reactive strip
Sample: urine
Parámetros: Bilirubín, Urobilinógeno, Cetonas, Ácido ascórbico, Glucosa, Proteína, Hemoglobina, pH, Nitrito, Leucocitos y Densidad



To learn more about our
Urinalysis line, access
the **QR Code**.



GASOMETRY



Blood Gas and Electrolyte Control Level 1
REF.: 6944413801981
Presentation: 5 x 2,5 mL

Blood Gas and Electrolyte Control Level 2
REF.: 6944413801998
Presentation: 5 x 2,5 mL

Blood Gas and Electrolyte Control Level 3
REF.: 6944413802001
Presentation: 5 x 2,5 mL

Calibrant Fluid Pack CP100
REF.: 6944413801882
Presentation: 100 tests

Calibrant Fluid Pack CP50
REF.: 6944413802599
Presentation: 50 tests

Test Cartridge BG10
REF.: 6944413802209
Presentation: 25 tests
Methodology: Potentiometry, amperometry and conductivity



To learn more about
Gasometry line,
access the **QR Code**.



TECHNICAL CHARACTERISTICS	
Speed	Results in 48 seconds after sample aspirations
Aspirated Volume	140 µL
Samples	Arterial blood and venous blood
Quality Control	<ul style="list-style-type: none">• Quality control in 3 levels• Automatic calibration at every sample reading (no extra costs)• Routine Simulations
Interface	USB (4 ports), RS232, WLAN
Battery	<ul style="list-style-type: none">• Lithium, 4200 mAh or 5000 mAh• Autonomy for 50 continuous tests
Dimension (WxHxL)	238 x 153 x 310 mm
Weight	3,8 kg





COMPACT-SIZED AND ADAPTABLE
ELECTROLYTE ANALYZERS

Available in two versions for you to choose the one that
best suits your laboratory routine



AudLyte ISE-5
Principle: Selective electrode
Parameters: K+, Na+, Cl-, iCa2+, nCa2+, pH**, TCa*

* Calculated articles
** The measured pH does not reflect the value for human blood



AudLyte ISE-3
Principle: Selective electrode
Parameters: K+, Na+, Cl-

High productivity and cutting-edge technology

- AudLyte offers a variety of high-precision and high-performance analyzers that can be customized for various routines, featuring distinct reagent packs and simple installation procedures;
- Modern and advanced, the perfect allies for precise and efficient analyses;
- Uninterrupted work. High performance electrodes. Automatic sampling;
- Embedded software for simple operation, with advanced graphical menu;
- Sophisticated hardware design and self-diagnosis software that makes maintenance easier and simpler.

Accurate results in up
to 60 seconds

All versions provides results in up to 60 seconds (60 tests/hour), with the possibility of automatically running samples through the autosampler, and an attached thermal printer, which simplifies your daily operation.

TECHNICAL CHARACTERISTICS	
Speed	Up to 60 samples per hour
Sample	Whole blood, serum, plasma and urine
Suction volume	150 µL
Calibration	Automatic or as needed
Accessories	• Autosampler (optional) • Bar code scanner (optional) • Thermal printer
Interface	Port RS-232
Dimension (HxWxL)	41.5 x 36.5 x 32 cm
Weight	Gross weight: 16 kg Net weight: 8.1 kg



REPRODUCIBILITY AND MEASURING RANGE		
PARAMETERS	CV	OPERATIONAL RANGE
K+	≤ 1.0%	0.50 ~ 15.00 mmol/L
Na+	≤ 1.0%	30.0 ~ 200.0 mmol/L
Cl-	≤ 1.0%	30.0 ~ 200.0 mmol/L
Ca2+	≤ 3.0%	0.10 ~ 5.00 mmol/L
pH	≤ 2.0%	4.0 ~ 9.50 (units)



To learn more about our
Electrolyte Analyzers
line, access the QR Code.





ANALYZERS FOR MEASURING HbA1c

The ion-exchange-high-performance liquid chromatography (HPLC) method allows detecting HbA1c by separating the different forms of hemoglobin according to the molecule's charge. **The possibility of evaluating hemoglobin forms, in addition to HbA1c and total HbA, becomes a major advantage of the method.**

The Vercentra HB-20 and Vercentra HB-100 analyzers were developed to provide highly accurate HbA1c values by using the HPLC method. They have traceable freeze-dried calibrators assigned with the IFCC, a system with constant liquid speed control, ensuring high precision in results, in addition to good repeatability and ease of operation.

Required materials:

- Calibrator: Calibra Vercentra HbA1c Ref. 6004 (2 levels)
- Control: Qualitrol Vercentra HbA1c Ref. 6005 (2 levels)

Shelf-life: 24 months
Stored at 2 to 8 °C

Complete solution:

- Reagents pack
- Hemolyzers
- Column
- Filter



To learn more about our
HPLC Analyzers line
access the **QR Code**.

Count on Vercentra HB analyzers as allies in measuring HbA1c: confidence, accuracy and precision in your routine.

Vercenta HB 100

- Principle: ion-exchange-high-performance liquid chromatography;
- Capacity of up to 100 samples;
- Automatic switching from normal mode to pre-diluted mode;
- Automatic reading of sample barcodes;
- Automatic homogenization of samples;
- Dedicated position for emergency sampling;
- Output: up to 50 samples per hour in normal mode (72s/test and 32 samples per hour (110s/test) in Variant mode;
- Aspirated sample volume: 3 µL of whole blood;
- Operating range: 4% to 17%;
- Stores up to 100,000 results;
- Kits available for 3,000 or 6,000 tests.



Vercenta HB 20

- Principle: ion-exchange-high-performance liquid chromatography;
- Capacity for up to 18 samples;
- Automatic switching from normal mode to pre-diluted mode;
- Sample barcode reading;
- Output: up to 30 samples per hour < 120s/test;
- Aspirated sample volume: 4 µL of whole blood;
- Operating range: 3% to 20%;
- Stores up to 100,000 results;
- Kits available for 1,600 or 2,400 tests.



LEADING DIAGNOSTIC COMPANY IN KEY EMERGING MARKETS

SUPPLY OPTIONS:

- Final Kits
- OEM
- Bulk
- Unlabeled Vials
- Dedicated Vials



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