PRODUCT CATALOGUE



(in)



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.











Labtest

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.

Virtue





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



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











Check out more details of **our certifications** by accessing the **QR code**.







CAP

CLINICAL CHEMISTRY

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

Albumin* REF.: 19 Presentation: 1 x 250 mL Methodology: Bromocresol Green Sample: Serum or ascitic fluid Linearity Range: 6,0 g/dL

ALT/GPT Liquiform* REF.: 108 Presentation: 4 x 30 mL and 2 x 100 mL Methodology: Kinetic UV-IFCC Sample: Serum or plasma (EDTA, heparin) Linearity Range: 400 U/L

Amylase REF.: 11 Presentation: 1 x 55 mL Methodology: Caraway modified Sample: Serum, plasma (heparin) or fluid (ascitic, pleural and duodenal fluids) Linearity Range: 400 U/dL

Amylase CNPG Liquiform* REF.: 142 Presentation: 2 x 30 mL Methodology: α-Gal-G2-CNP Substrate Sample: Serum, plasma (heparin) or fluids (ascitic, pleural and duodenal fluids) Linearity Range: 1.700 U/L

AST/GOT Liquiform* REF.: 109 Presentation: 4 x 30 mL and 2 x 100 mL Methodology: Kinetic UV-IFCC Sample: Serum or plasma (EDTA, heparin) Linearity Range: 400 U/L

BILI-D Liquiform* REF.: 93 Presentation: 1 x 104 mL Methodology: Labtest DCA Sample: Serum or plasma (EDTA, heparin) Linearity Range: 12 mg/dL

Bilirubin REF.: 31 Presentation: 1 x 375 mL Methodology: Sims-Horn Sample: Serum or plasma (EDTA, heparin) Linearity Range: 25 mg/dL

BILI-T Liquiform * REF.: 94 Presentation: 1 x 104 mL Methodology: Labtest DCA Sample: Serum or plasma (EDTA, heparin) Linearity Range: 30 mg/dL

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

Calcium Liquiform* REF.: 90 Presentation: 2 x 60 mL Methodology: CPC (Cresolphthalein) Sample: Serum, plasma (heparin) or urine Linearity Range: 16 mg/dL

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

CK-MB Liquiform REF.: 118 Presentation: 2 x 30 mL Methodology: Immunoinhibition-IFCC Sample: Serum or plasma (EDTA, heparin) Linearity Range: 600 U/L

CK-NAC Liquiform REF.: 117 Presentation: 2 x 30 mL Methodology: UV-IFCC Sample: Serum or plasma (EDTA, heparin) Linearity Range: 2000 U/L

Chloride Liquiform* REF.: 115 Presentation: 1 x 50 mL Methodology: Mercury Thiocyanate Sample: Serum, plasma (heparin), urine or CSF Linearity Range: 130 mEg/L

HDL Cholesterol REF.: 13 Presentation: 1 x 50 mL Methodology: Precipitation Sample: Serum or plasma Linearity Range: 200 mg/dL

Cholesterol Liquiform* REF.: 76 Presentation: 2 x 100 mL and 2 x 250 mL Methodology: Enzymatic Trinder Sample: Serum Linearity Range: 500 mg/dL

Cholinesterase Liquiform* REF.: 139 Presentation: 1 x 30 mL Methodology: Kinetics DGKC Sample: Serum or plasma (EDTA, heparin) Linearity Range: 80 - 20.000 U/L

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

Enzymatic Creatinine* REF.: 127 Presentation: 2 x 72 mL Methodology: Enzymatic Trinder Sample: Serum, plasma or urine Linearity Range: to 150 mg/dL

Creatinine K* RFF: 96 Presentation: 1 x 300 mL Methodology: Alkaline Picrate (Jaffé) Sample: Serum, plasma or urine Linearity Range: 12 mg/dL

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

Serum Iron REF.: 38 Presentation: 80 determinations Methodology: Goodwin modified Sample: Serum Linearity Range: 1000 µg/dL

Phosphorus UV Liquiform* REF.: 12 Presentation: 2 x 100 mL Methodology: Daly and Ertingshausen modified Sample: Serum, plasma (heparin), urine, or amniotic fluid Linearity Range: até 20 mg/dL

Presentation: 6 x 15 mL Methodology: NBT reduction (nitrotetrazolium blue) Sample: Serum or plasma (EDTA, heparin) Linearity Range: 20 - 800 umol/L

Gamma Gt Liquiform* REF.: 105 Presentation: 2 x 30 mL and 2 x 50 mL Methodology: Szasz modified Sample: Serum or plasma (EDTA, heparin) Linearity Range: 700 U/L

God Glucose* REF.: 134 Presentation: 1 x 500 mL and 2 x 500 mL Methodology: GOD-Trinder Sample: Serum, cerebrospinal, ascitic, pleural and synovial fluids Linearity Range: 600 mg/dL

Alkaline Phosphatase Liquiform* REF.: 79

Presentation: 4 x 30 mL Methodology: Bowers and Mc Comb modified Sample: Serum or plasma (heparin) Linearity Range: 1500 U/L

Phosphorus REF.: 42

Presentation: 100 determinations Methodology: Labtest - molybdate Sample: Serum, plasma (heparin), urine, or amniotic fluid Linearity Range: 14 mg/dL

Fructosamine REF.: 97

Glucose Hk Liquiform* REF.: 137

Presentation: 2 x 100 mL Methodology: Bondar and Mead modified Sample: Serum, plasma, urine and other biological fluids Linearity Range: 700 mg/dL

Glucose Pap Liquiform REF.: 84 Presentation: 1 x 500 mL and 2 x 500 mL Methodology: GOD-Trinder Sample: Serum or plasma Linearity Range: 500 mg/dL

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

Hemoglobin REF.: 43 Presentation: 2 x 10 mL Methodology: Hemoglobin Cvanide Sample: Whole blood Linearity Range: 25 g/dL

Homocysteine REF.: 130 Presentation: 1 x 24 mL Methodology: Enzymatic cyclic Sample: Serum or plasma (EDTA, heparin) Operating Range: 3 a 50 µmol/L

IBC Liquiform REF.: 92 Presentation: 2 x 65 mL Methodology: Labtest - Ferrozine Sample: Serum Linearity Range: 500 ug/dL

Enzymatic Lactate REF.: 138 Presentation: 1 x 50 mL Methodology: Enzymatic - Trinder Sample: Plasma (Fluoride) or cerebrospinal fluid 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: Sserum or plasma 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 (heparin), urine or cerebrospinal fluid (centrifuged) Linearity Range: 4.5 mg/dL

Mucroproteins REF.: 20 Presentation: 25 determinations Methodology: Winzler modified Sample: Serum Linearity Range: 15 mg/dL

Enzymatic Potassium REF.: 152 Presentation: 1 x 33 ml Methodology: Enzymatic Sample: Serum Linearity Range: 2.0 to 8.0 mmol/L

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

Sensiprot REF.: 36 Presentation: 1 x 50 mL Methodology: Pyrogallol red Sample: Urine or CSF Linearity Range: 100 mg/dL

Enzymatic Sodium REF.: 124 Presentation: 1 x 30 mL Methodology: Enzymatic Sample: Serum Linearity Range: 80 to 180 mmol/L

Sodium REF.: 163 Presentation: 1 x 30 mL Methodology: Enzymatic Sample: Serum Linearity Range: 180 mmol/L **Oxaloacetic Transaminase REF.:** 52 Presentation: 200 determinations Methodology: Reitman and Frankel Sample: Serum or plasma Linearity Range: 190 U/mL

Pvruvic Transaminase REF.: 53 Presentation: 200 determinations Methodology: Reitman and Frankel Sample: Serum or plasma (EDTA, heparin) Linearity Range: 150 U/mL

Triglycerides Liquiform REF.: 87 Presentation: 2 x 100 mL Methodology: Enzymatic Trinder Sample: Serum or plasma (EDTA) Linearity Range: 1100 mg/dL

Urea Ce REF.: 27 Presentation: 500 determinations Methodology: Urease Labtest Sample: Serum, plasma or urine Linearity Range: 300 mg/dL

Urea Uv Liguiform 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

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

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

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



CONTROLS AND **STANDARDS**

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

Calibra Homocysteine REF.: 131 Presentation: 5 x 0.5 mL

Bilirubin Standard REE: 32 Presentation: 1 x 3 mL

Hemoglobin Standard REF.: 47 Presentation: 1 x 1 mL

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





Clinical Chemistry line, access the **QR code**.



TURBIDIMETRY

ASO Turbiquest Plus* REF.: 333 Presentation: 1 x 50 mL Standard 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 (heparin) Linearity Range: 4 to ~ 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 (EDTA or heparin) Linearity Range: 0,2 to 8,0 mg/L

Ferritin Turbiquest Plus* RFE: 334 Presentation: 1 x 50 mL Methodology: Immunoturbidimetric Sample: Serum or plasma (EDTA or heparin) Linearity Range: 5 - 600 ng/mL

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

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HbA1c Turbiquest REE: 385 Presentation: 1 x 40 mL Methodology: Immunoturbidimetric Sample: Whole blood (EDTA) Linearity Range: 3 - 13%

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 (EDTA or heparin) 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 Plus REE: 335 Presentation: 1 x 50 mL Standard included 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 REF.: 177 Presentation: 1 x 50mL Methodology: Immunoturbidimetric Sample: Serum or plasma Linearity Range: 7,6 - 147,8 ng/mL

CONTROLS AND **STANDARDS**

Calibra HBA1C Turbiquest REF.: 386 Presentation: 5 x 1 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 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 1 mL

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

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

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

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

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



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

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

Qualitrol CRP ULTRA REF.: 380 Presentation: 1 x 0.5 mL

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





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







AFP Reagent Kit REF.: 4007 Presentation: 50 Tests and 100 Tests Profile: Tumor

CA-125 Reagent Kit REF.: 4028 Presentation: 50 Tests and 100 Tests Profile: Tumor

CA-15-3 Reagent Kit REF.: 4031 Presentation: 50 Tests and 100 Tests Profile: Tumor

CA-19-9 Reagent Kit REF.: 4029 Presentation: 50 Tests and 100 Tests Profile: Tumor

CA-72 Reagent Kit REF.: 4032 Presentation: 50 Tests and 100 Tests Profile: Tumor

CEA Reagent Kit REF.: 4036 Presentation: 50 Tests and 100 Tests Profile: Tumor

Cvfra21-1 Reagent Kit REF.: 4030 Presentation: 50 Tests and 100 Tests Profile: Tumor

fPSA Reagent Kit REF.: 4034 Presentation: 50 Tests and 100 Tests Profile: Tumor

HE4 Reagent Kit REF.: 4005 Presentation: 50 Tests and 100 Tests Profile: Tumor

NSE Reagent Kit REF.: 4043 Presentation: 50 Tests and 100 Tests Profile: Tumor

PG | Reagent Kit REF.: 4015 Presentation: 50 Tests and 100 Tests Profile: Tumor

PG II Reagent Kit REF.: 4016 Presentation: 50 Tests and 100 Tests Profile: Tumor

ProGRP Reagent Kit REF.: 4017 Presentation: 50 Tests and 100 Tests Profile: Tumor

PSA Reagent Kit REF.: 4033 Presentation: 50 Tests and 100 Tests Profile: Tumor

SCC Reagent Kit REF.: 4006 Presentation: 50 Tests and 100 Tests Profile: Tumor

Anti-HBc Reagent Kit REF.: 4010 Presentation: 50 Tests and 100 Tests Profile: Infectious

Anti-HBe Reagent Kit REF.: 4011 Presentation: 50 Tests and 100 Tests Profile: Infectious

Anti-HBs Reagent Kit REF.: 4013 Presentation: 50 Tests and 100 Tests Profile: Infectious

Anti-HCV Reagent Kit REF.: 4014 Presentation: 50 Tests and 100 Tests Profile: Infectious

Syphilis Reagent Kit REF.: 4035 Presentation: 50 Tests and 100 Tests Profile: Infectious

CMV IgG Reagent Kit REF.: 4040 Presentation: 50 Tests and 100 Tests Profile: Infectious

CMV IgM Reagent Kit REF.: 4039 Presentation: 50 Tests and 100 Tests Profile: Infectious

HbCAb IgM Reagent Kit REF.: 4064 Presentation: 50 Tests and 100 Tests Profile: Infectious

HAV IGG Reagent Kit REF.: 4065 Presentation: 50 Tests and 100 Tests Profile: Infectious

HAV IGM Reagent Kit REF.: 4066 Presentation: 50 Tests and 100 Tests Profile: Infectious

Cortisol Reagent Kit REF.: 4063 Presentation: 50 Tests and 100 Tests Profile: Hormone

HBeAg Reagent Kit REF.: 4009 Presentation: 50 Tests and 100 Tests Profile: Infectious

HBsAg Qualitative Reagent Kit REF.: 4058 Presentation: 50 Tests and 100 Tests **Profile: Infectious**

HBsAg Reagent Kit REF.: 4008 Presentation: 50 Tests and 100 Tests Profile: Infectious

HIV Ag/Ab Combo Reagent Kit REF.: 4012 Presentation: 50 Tests and 100 Tests Profile: Infectious

Rubeola IgG Reagent Kit REF.: 4041 Presentation: 50 Tests and 100 Tests Profile: Infectious

Rubeola IgM Reagent Kit REF.: 4042 Presentation: 50 Tests and 100 Tests Profile: Infectious

Toxo IgG Reagent Kit REF.: 4037 Presentation: 50 Tests and 100 Tests Profile: Infectious

Toxo IgM Reagent Kit REF.: 4038 Presentation: 50 Tests and 100 Tests Profile: Infectious

AMH Reagent Kit REF.: 4025 Presentation: 50 Tests and 100 Tests Profile: Hormone

PTH Reagent Kit REF.: 4062 Presentation: 50 Tests and 100 Tests Profile: Others

DHEA-S Reagent Kit REF.: 4046 Presentation: 50 Tests and 100 Tests Profile: Hormone

Estradiol Reagent Kit REF.: 4021 Presentation: 50 Tests and 100 Tests Profile: Hormone

FSH Reagent Kit REF.: 4024 Presentation: 50 Tests and 100 Tests Profile: Hormone

LH Reagent Kit REF.: 4045 Presentation: 50 Tests and 100 Tests Profile: Hormone

PRL Reagent Kit REF.: 4019 Presentation: 50 Tests and 100 Tests Profile: Hormone

Progesterone Reagent Kit REF.: 4048 Presentation: 50 Tests and 100 Tests Profile: Hormone

SHBG Reagent Kit REF.: 4047 Presentation: 50 Tests and 100 Tests Profile: Hormone

B-HCG Reagent Kit REF.: 4023 Presentation: 50 Tests and 100 Test Profile: Hormone

Testosterone Reagent Kit REF.: 402 Presentation: 50 Tests and 100 Test Profile: Hormone

Anti-TG Reagent Kit REF.: 4020 Presentation: 50 Tests and 100 Test Profile: Thyroid

Anti-TPO Reagent Kit REF.: 4054 Presentation: 50 Tests and 100 Test Profile: Thyroid

Calcitonin Reagent Kit REF.: 4055 Presentation: 50 Tests and 100 Test Profile: Thyroid

FT3 Reagent Kit REF.: 4050 Presentation: 50 Tests and 100 Test Profile: Thyroid

FT4 Reagent Kit REF.: 4052 Presentation: 50 Tests and 100 Tests Profile: Thyroid

T3 Reagent Kit REF.: 4049 Presentation: 50 Tests and 100 Tests Profile: Thyroid

T4 Reagent Kit REF.: 4051 Presentation: 50 Tests and 100 Tests Profile: Thyroid

TG Reagente Kit REF.: 4018 Presentation: 50 Tests and 100 Tests Profile: Thyroid

TSH Reagent Kit REF.: 4053 Presentation: 50 Tests and 100 Tests Profile: Thyroid

C-Peptide Reagent Kit REF.: 4057 Presentation: 50 Tests and 100 Tests Profile: Diabetes

INS Reagent Kit REF.: 4056 Presentation: 50 Tests and 100 Tests Profile: Diabetes

sts	PCT Reagent Kit REF.: 4026 Presentation: 50 Tests and 100 Tests Profile: Inflammation
27 sts	Ferritin Reagent Kit REF.: 4044 Presentation: 50 Tests and 100 Tests Profile: Others
sts	Folate Reagent Kit REF.: 4061 Presentation: 50 Tests and 100 Tests Profile: Others
sts	Vitamin B12 Reagent Kit REF.: 4059 Presentation: 50 Tests and 100 Tests Profile: Others
sts	25-OH-VD Reagent Kit REF.: 4022 Presentation: 50 Tests and 100 Tests Profile: Others
sts	To learn more about our CLIA line, access the OR code.
sts	

CLIA

HEMATOLOGY

HEMOSTASIS

FOR AUD-H 3

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

Lysing REF.: M-20CFL Presentation: 1 x 500 mL

Probe cleanser REF.: M-68/EN Presentation: 1 x 50 mL

FOR AUD-H 5

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

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

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

Probe cleanser REF.: M-68/EN Presentation: 1 x 50 mL

FOR AUD-H 5AL

Diluent REF.: M-53D Presentation: 1 x 20 L Lysing LH REF.: M-53LH Presentation: 4 x 500 mL

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

Probe cleanser REF.: M-68/EN Presentation: 1 x 50 mL

Lysing II REF.: M-53LEO (II) Presentation: 4 x 400 mL

FOR SDH-20

SDH Lysing REF.: 205 Presentation: 1 x 5 L

SDH Diluent REF.: 206 Presentation: 1 x 20 L

SDH Cleaner REF.: 209 Presentation: 3 x 150 mL

SDH Lysing AV REF.: 220 Presentation: 1 x 5 L

SDH Diluent AV REF.: 221 Presentation: 1 x 20 L

CONTROLS

BC-3D Control AUD-H 3 Presentation: 3 x 3 mL

BC-5D Control AUD-H 5 and AUD-H 5AL Presentation: 3 x 3 mL

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

ACCESSORY

Micropipettes SDH-20 REF.: 210 Presentation: 1 x 100 units



Fibrinogen REF.: 506 Presentation: 4 x 2 mL Methodology: Coagulometry Thrombin Time Clauss

Qualitrol Hemostasis 1 REF.: 507 Presentation: 6 x 0.5 mL

PT REF.: 504 Presentation: 5 x 2 mL and 5 x 4 mL Methodology: Coagulometry



CONTROLS

Qualitrol Hemostasis 2 REF.: 508 Presentation: 6 x 0.5 mL



To learn more about our **Hemostasis** line, access the **QR code**.



AGGLUTINATION

ANTICOAGULANT

Aso Latex REF.: 157 and 157K Presentation: 60 or 125 determinations Methodology: Latex agglutination Sample: Serum Sensitivity: 200 UI/mL

RF Latex REF.: 159 Presentation: 50 determinations Methodology: Latex agglutination Sample: Serum Sensitivity: 8 Ul/mL

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

CRP Latex SD REF: 144K Presentation: 120 determinations Methodology: Latex agglutination Sample: Serum Sensitivity: 6,0 mg/L

CRP Serolatex SD REF.: 144 Presentation: 120 determinations Methodology: Latex agglutination Sample: Serum Sensitivity: 6,0 mg/L





Glistab REF.: 29 Presentation: 1 x 20 mL Composition: EDTA, 6 g / dL and KF 12 g / dL

Hemstab REF.: 30 Presentation: 1 x 20 mL Composition: K2 EDTA 15 g / dL

Trombstab REF.: 45 Presentation: 1 x 20 mL Composition: Sodium citrate 18.8 g / dL







To learn more about our Anticoagulant line, access the **QR code**.



MOLECULAR BIOLOGY

Detect SARS-CoV-2 (RT-PCR) REF.: 804

Detect SARS-CoV-2 (RT-PCR) Fast REF.: 806

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line, access the **QR code**.

our **Molecular Biology**

Sample: System based on Real-time Polymerase Chain Reaction Technology (RT-PCR) to qualitative detection of SARS-CoV-2

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 repiratory

specimens, preferably from human bronchoalveolar lavage

fluid, nasopharyngeal swab, oropharyngeal swab and sptum

ribonucleic acid (RNA) previously extracted from repiratory specimens, preferably from human bronchoalveolar lavage

fluid, nasopharyngeal swab, oropharyngeal swab and sptum

Presentation: 100 determinations

Presentation: 100 determinations

Methodology: Real-time PCR

Methodology: Real-time PCR



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 Parameters: Bilirubin, urobilinogen, ketones, ascorbic acid, glucose, Protein, Blood, pH, Nitrite, leukocytes and Density



Uriquest













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); 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): 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% Sensibility: 25 mUI/mL

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

Presentation: 10, 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 II Assure Test REF.: PEN

Presentation: 20 determinations Methodology: Immunochromatography Sample: Nasal swab Sensitivity: 94.5% Specificity: 100%

COVID-19 Ag Rapid Test REF.: 740

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

Combo FLU A/B/H1N1 REF.: 744

Presentation: 20 determinations Methodology: Immunochromatography Sample: Nasopharyngeal / oropharyngel swabs Specificity: Influenza A: 98.8% Influenza B: 98.52% Influenza A Subtype H1N1: 95,57% Sensitivity Influenza A: 93.33% Influenza B: 91.23% Influenza A Subtype H1N1: 90,74%

HIV Triline 1/2 Rapid Test REF.: 738 Presentation: 10. 20 determinations Methodology: Immunochromatography

Sample: Serum, plasma and whole blood Sensitivity: 100% Specificity: 100%

Lab Rapid HIV Triline 1/2 REF.: 721

Presentation: 20 determinations Methodology: Immunochromatography Sample: Serum, plasma and whole blood Sensitivity: >99.5% Specificity: >99.0% Sensibility: 100%

Lab Rapid Dengue IgG/IgM REF.: 727

Presentation: 25, 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 HBsAg REF.: 716

Presentation: 20 determinations Methodology: Immunochromatography Sample: Serum, plasma and whole blood Sensitivity: 99.3% Specificity: 99.8% Sensibility: 99.6%



Lab Rapid HCV REF.: 717

Presentation: 20 determinations Methodology: Immunochromatography Sample: Serum, plasma and whole blood Sensitivity: >99,9% Specificity: 99.5% Sensibility: 99.6%

Lab Rapid Syphilis REF.: 720

Presentation: 20 determinations Methodology: Immunochromatography Sample: Serum, plasma and whole blood Sensitivity: >99.9% Specificity: 99.7% Sensitivity analítica: 99.8%

Occult Blood iFOBT REF.:112

Presentation: 20 determinations Methodology: Immunochromatography Sample: Stools Sensitivity: 99,5% Specificity: 99,6% Sensibility: 0,04 µg/mL



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



GASOMETRY

POINT OF CARE

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 conductimetry



SelexOn[™] BNP REF.: INFIQ01A Presentation: 20 determinations Methodology: Immunochromatography Sample: Whole blood Linearity range: 0,05 - 2,00 ng/mL

SelexOn[™] CK-MB REF.: INFIC01A Presentation: 20 determinations Methodology: Immunochromatography Sample: Whole blood Linearity range: 3,0 - 40,0 ng/mL

SelexOn[™] D-Dimer REF.: INFID01A Presentation: 20 determinations Methodology: Immunochromatography Sample: Whole blood Linearity range: 100,0 - 3000,0 ng/mL

SelexOn[™] hs-CRP REF.: INFIH01A Presentation: 20 determinations Methodology: Immunochromatography Sample: Whole blood Linearity range: 0,5 – 10,0 ng/mL

SelexOn[™] Troponina I REF.: INFI001A Presentation: 20 determinations Methodology: Immunochromatography Sample: Whole blood Linearity range: 0,05 - 10,0 ng/mL





SelexOn[™] Triple REF.: INFIR01A Presentation: 20 determinations Methodology: Immunochromatography Sample: SWhole blood Linearity range:

Myoglobin: 50,0 - 600,0 ng/mL CK-MB: 3,0 - 40,0 ng/mL Troponin I: 0,05 - 10,0 ng/mL





Silicate MA REF.: 603 Presentation: 100 determinations



EXCELLENCE ALSO IN VETERINARY CLINICAL ANALYSIS





Labtest is a pioneer in investing in exclusive biochemical reagents for veterinary use in the Brazilian market.

We have developed a validated line for the main domestic and production species, respecting the particularities of animal samples.

۳ BIOCHEMISTRY

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ETERIN

Albumin VET REF: 1007 Presentation: 1 x 250 mL Methodology: Bromocresol Green Sample: Serum Linearity: 6 g/dL

ALT/GPT Liquiform VET REF.: 1008 Presentation: 4 x 30 mL Methodology: UV Kinetic - IFCC Sample: Serum or plasma Linearity: 400 U/L

Amylase CNPG Liquiform VET REF.: 1088 Presentation: 1 x 30 mL Methodology: CNPG3 Sample: Serum Linearity: 1700 U/L

AST/GOT Liquiform VET REF.: 1009 Presentation: 4 x 30 mL Methodology: UV Kinetic - IFCC Sample: Serum or plasma Linearity: 1000 U/L

Calcium Liquiform VET REF.: 1084 Presentation: 2 x 60 mL Methodology: Colorimetric (CPC - cresolphtalein) Sample: Serum Linearity: 16 mg/dL

CK-NAC Liquiform VET REF.: 1086 Presentation: 2 x 30 mL Methodology: UV-IFCC Sample: Serum Linearity: 2000 U/L

Cholesterol Liquiform VET REF.: 1082 Presentation: 2 x 100 mL Methodology: Colorimetric (Trinder enzymatic) Sample: Serum Linearity: 500 mg/dL

Creatinine K VET REE: 1010 Presentation: 1 x 300 mL Methodology: Alkaline picrate (Jaffé) Sample: Serum, plasma, urine, or amniotic fluid Linearity: 0.2 to 12 mg/dL

Alkaline Phosphatase Liquiform VET REF.: 1011 Presentation: 4 x 30 mL Methodology: Modified Bowers and Mc Comb Sample: Serum or plasma Linearity: 1500 U/L

Fructosamine VET REF.: 1019 Presentation: 3 x 15 mL Methodology: Colorimetric - NBT Reduction Sample: Serum or plasma Linearity: 20 e 800 µmol/L

Gamma GT Liquiform VET REF.: 1058 Presentation: 2 x 30 mL Methodology: Colorimetric (Szasz modifyed) Sample: Serum. plasma or urine Linearity: 700 U/L

Glucose PAP Liquiform REF.: 1091 Presentation: 1 x 250 mL Methodology: GOD-Trinder Sample: Serum or plasma Linearity: 500 mg/dL

Total Proteins REF.: 1085 Presentation: 1 x 250 mL Methodology: Colorimetric - Biureto Sample: Serum Linearity: 14 g/dL

Urea UV Liquiform VET REF.: 1013 Presentation: 4 x 50 mL Methodology: Enzymatic UV Sample: Serum, plasma or urine Linearity: 300 mg/dL

LDH Liquiform VET REF.: 1083 Presentation: 2 x 30 mL Methodology: UV - Pyruvate-Lactate Sample: Serum or plasma Linearity: 2000 U/L

CONTROLS AND **STANDARDS**

Calibra VET REF.: 1015 Presentation: 1 x 3 mL

Qualitrol 1 VET REF.: 1014 Presentation: 1 x 5 mL

Qualitrol CK VET REF.: 1087 Presentation: 1 x 3 mL

HEMATOLOGY

AUD-H VET Diluent REF.: 1075 Presentation: 1 x 10 L

AUD-H VET EOS Reagent REF.: 1078 Presentation: 1 x 1.9 L

AUD-H VET Lyse REF.: 1079 Presentation: 1 x 1.9 L

AUD-H VET System Cleaner REF.: 1077 Presentation: 1 x 1.9 L



and blood

ANTICOAGULANT

Glistab VET REF: 1016 Presentation: 1 x 20 mL Composição: EDTA 6 g/dL and KF 12 g/dL

URINALYSIS

Uriquest Plus VET REF.: 1005 Presentation: 100 determinations Methodology: Reactive strip Sample: Urine Parameters: Ketones. Glucose. Leukocytes, nitrite, pH, protein



EQUIPMENT

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.



NEW BIOCHEMICAL ANALYZERS

Audmax Evolution Compact and efficient: an evolution for your laboratory

- Speed 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.

Audmax 240 High throughput with random access and on-board HbA1c hemolysis

- Speed of 240 photometric tests/hour and 480 tests/ hour combined with ISE module (optional);
- Minimum reaction volume 100 µL;
- 12 reading filters (340 800nm);
- Capacity of up to 80 reagent positions with built-in barcode reader (optional);
- Up to 80 sample positions;
- Integrated random access for routine and emergency analysis;
- Automatic and efficient washing of the 56 reaction cuvettes;
- Automatic quality check of reaction cuvettes.







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





o learn more about Audmax 240, access he **QR code**.

Audmax 360 Agility and efficiency in the 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.



Time saving and reliability

- Floor analyzer with constant speed 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.









Audmax 600 High productivity, and Flexibility

- Floor analyzer with nominal speed 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.

Audmax 800

High productivity, strength, durability and practicality

- Floor analyzer with speed up to 800 tests/hour, 1260 tests/hour when combined with ISE (optional);
- Reduced reaction volume (from 120 μL);
- 12 reading filters (340 800nm);
- It has 140 sample positions and 134 reagent positions;
- It has 160 reaction cuvettes with automatic washing and incubation system for the reaction;
- 4 built-in barcode readers (optional);
- Digital liquid level sensor;
- Real-time quality control assessment and reaction monitoring;
- Modern, friendly and intuitive software.





To learn more about Audmax 600, access the **QR code**.





To learn more about Audmax 800, access the **QR code**.

NEW HEMATOLOGY ANALYZERS

Aud-H 5AL High productivity and dynamism

- Hematological analyzer with 5-part differential, automatic and quantitative;
- Speed 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, RDW-SD, 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 guality control.







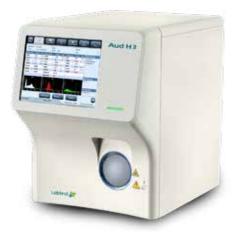
Aud-H 3 Robustness and simplicity

- 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.

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,
- PLT, MPV, PDW, PCT, P-LCR, P-LCC);
- 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-H3**, access the **QR code**.





To learn more about **Aud-H5**, access the **QR code**.

LEADING DIAGNOSTIC COMPANY IN KEY EMERGING MARKETS

SUPPLY OPTIONS:

Final Kits OEM Bulk Unlabeled Vials Dedicated Vials





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