

CLINICAL CHEMISTRY & ISE

photometry & turbidimetry • direct ISE

Routine chemistry tests are processed using optimised ready-to-use reagent kits and LED photometric technology. Electrolyte testing is fully integrated with innovative thick-film technology for direct ISE measurements in undiluted serum, plasma and urine.

Liver

AST (GOT)
ALT (GPT)
Gamma GT
LDH
Cholinesterase
ALP
Direct Bilirubin
Total Bilirubin

Protein

Albumin
Total Protein

Renal

Creatinine
Urea
Uric acid

Glucose metabolism

Glucose
HbA1c

Lipid

Cholesterol
Triglycerides
HDL-C
LDL-C

Cardiovascular

Creatine Kinase
CK-MB
Myoglobin
D-Dimer

Pancreas

a-Amylase
Lipase

Electrolytes

Sodium*
Potassium*
Chloride*
Calcium
Magnesium
Phosphate

Inflammation

hs CRP
CRP (universal)
Lactate

Iron metabolism

Iron
Ferritin
Transferrin

Other

Rheumatoid Factor
Immunoglobulin G
Antistreptolysin O

Urine

Sodium*
Potassium*
Chloride*

Creatinine
Total Protein
Microalbumin
Urea

Uric acid
a-Amylase
Magnesium
Phosphate

IMMUNOASSAY

chemiluminescence

Magnetic particle-based chemiluminescent technology is combined with dedicated washing and separation procedures.

Thyroid

TSH
free T4
free T3

Cardiovascular

hs Troponin I
BNP

Inflammation

Procalcitonin

Hormones

Beta hCG