

REQUEST FORM – CLINICAL CHEMISTRY

Name	Phone	Request Date
Account	E-mail	

Specimen Details

Species	Strain	Sex
Type of samples:		Number of samples

Requested Tests - select any combination from the individual and predesignated panels below.

Important! We require a minimum 7µl sample volume per test – except ions which require a flat 20µl, irrespective of the number and type of ions measured.

Ions

Sodium (Na)
Potassium (K)
Chloride (Cl)
Magnesium (Mg)
Calcium (Ca)
Phosphorous (P)
Iron (Fe)
Total Iron Binding Capacity (TIBC)

Enzymes

Alanine Aminotransferase (ALT)
Alkaline Phosphatase (ALP)
Amylase
Aspartate Aminotransferase (AST)
Creatine Kinase (CpK)
Hydroxybutyrate Dehydrogenase (HBDH)
Lactate Dehydrogenase (LDH)
Lipase

Proteins and Organic Chemicals

Albumin
Bilirubin (conjugated)
Bilirubin (total)
Creatinine
Cholesterol (HDL)
Cholesterol (LDL)
Cholesterol (total)
Ferritin
Fructosamines
Glucose
Glycerol
Lactate
Non-Esterified Fatty Acids (NEFA)
Total Protein
Transferrin
Triglycerides
Urea
Uric Acid

Standard Panels

Panel I (liver function): Albumin, ALP, ALT, AST, Bilirubin, Total protein, Urea

Panel II (renal function): Creatinine, Urea, Uric acid

Panel III (pancreatic function): α-Amylase, Creatinine, Fructosamines, Glucose, Lipase

Panel IV (inflammation): ALP, ALT, AST, CpK, Creatinine, Urea

Panel V (lipid metabolism): Cholesterol (total, HDL and LDL), Glycerol, Lipase, NEFA, Triglycerides

Panel VI (cardiac and muscle function): Na, K, Ca, CpK, HBDH, LDH

Panel VII (anemia profile): Bilirubin, Fe, Ferritin, Mg, Transferrin, UIBC

Panel VIII (bone profile): Ca, P, Albumin, ALP

Panel IX (general profile): Na, K, Ca, P, Total protein, Albumin, ALP, AST, ALT, Urea, Creatinine, Cholesterol

Comments