Quality Controls

Quality Control Materials for Chemistry, Hemostasis and Critical Care
**CliniCHECK™ Chemistry Controls & Calibrator**

**Specifications**
- Human serum based
- 3 year shelf life at 2–8°C
- 20 day frozen reconstituted stability for most analytes
- 7 day open-vial stability at 2–8°C for most analytes
- Controls require no special diluent and have good frozen reconstituted stability for enzymes and tCO₂

**Analytes**
- Acetaminophen
- Acid Phosphatase (Total)
- Albumin
- Alkaline Phosphatase (ALP)
- Alpha-1-Antitrypsin (1)
- Alpha-Fetoprotein (1)
- Alpha-Hydroxybutyrate Dehydrogenase (aHBDH)
- ALT/SGPT
- Amylase
- Apolipoprotein A-1
- AST/SGOT
- Bilirubin (Direct)
- Bilirubin (Total)
- Calcium
- Carcinoembryonic Antigen (1)
- Ceruloplasmin (1)
- Chloride
- Cholesterol (HDL)
- Cholesterol (LDL)
- Cholesterol (Total)
- Cholinesterase
- Complement C3
- Complement C4
- Creatine Kinase (CK)
- Creatinine
- Digoxin
- GGT
- Glucose
- Haptoglobin
- IgA
- IgG
- IgM
- Iron
- Iron (TIBC)
- Iron (UIBC)
- Lactate (Lactic Acid)
- LDH
- Lipase
- Lithium
- Magnesium
- Phosphorus
- Potassium
- Protein (Total)
- Salicylate
- Sodium
- T3 (Free)
- T3 (Total)
- T4 (Free)
- T4 (Total)
- tCO₂
- Transferrin
- Triglycerides
- TSH
- Urea
- Urea Nitrogen
- Uric Acid

**Assayed Instrumentation**
- Abbott Architect Chemistry Analyzers
- Beckman (Olympus) Chemistry Analyzers
- Beckman (Olympus) AU Chemistry Analyzers
- Beckman Coulter CX/DXC Chemistry Analyzers
- Ortho Clinical (J&J) Chemistry Analyzers
- Roche Cobas Chemistry Analyzers
- Roche Hitachi Chemistry Analyzers
- Siemens Advia Chemistry Analyzers
- Siemens Dimension Chemistry Analyzers

**Additional Instrumentation available upon request**
Mission CONTROL™ Blood Gas & Electrolyte Control

Aqueous Based Controls
- Assayed for pH, pCO₂, pO₂, Na⁺, K⁺, Ca²⁺, Cl⁻, Li⁺, tCO₂
- 36 month stability room temperature
- 60 second Open Vial Stability
- 30 Ampule Individual Level and Tri-Pack Combination Availability

Assayed Instrumentation
- Abbott I-Stat
- Diamond
- Fresenius
- Idexx
- Instrumentation Laboratory
- Medica
- Nova Biomedical
- Optimedical
- Radiometer
- Roche
- Siemens
- Techno Medica

Mission TRINITY™ Blood Gas Combination Control

Aqueous Based Controls with Dyes and Metabolites
- Assayed for pH, pCO₂, pO₂, Na⁺, K⁺, Ca²⁺, Cl⁻, Glucose, Lactate, tHb, sO₂, MetHb, COHb, HHb, O₂Hb
- 36 month stability when refrigerated
- 60 second Open Vial Stability
- 30 Ampule Individual Level and Tri-Pack Combination Availability

Assayed Instrumentation
- Instrumentation Laboratory
- Radiometer
- Roche Diagnostics
- Siemens

Mission COMPLETE™ Linearity Control

Aqueous Based CVM Linearity Controls
- Assayed for pH, pCO₂, pO₂, Na⁺, K⁺, Ca²⁺, Cl⁻, Li⁺, Glucose, Lactate
- 36 month stability when refrigerated
- 60 second Open Vial Stability
- 5 Levels with Color Coded Ampules covering analyzer significant ranges

Assayed Instrumentation
- Abbott I-Stat
- Diamond
- Fresenius
- Idexx
- Instrumentation Laboratory
- Medica
- Nova Biomedical
- Optimedical
- Radiometer
- Roche
- Siemens
- Techno Medica
HemoCHECK™ 3PD Hematology Control

Multi-Parameter Assayed 3 Part Differential Hematology Control
- Three distinct populations of lymphocytes, monocytes and granulocytes
- 3 Levels Abnormal Low, Normal, Abnormal High
- Cap-Pierceable Vials allowing for auto sampling use
- 30 Day Open Vial Stability
- 180 Day Closed Vial Stability

Parameters
- WBC, RBC, PLT, HGB, HCT, MCV, MCH, MCHC, MPV, MCV, RDW, L#, L%, M#, M%, G#, G%

Assayed Instrumentation
- Abbott Cell-DYN Hematology Systems
- Beckman Coulter ACT Hematology Systems
- Horiba Micros Systems
- Mindray BC Systems
- Sysmex KX, XP Systems

HemoCHECK™ 5PD Hematology Control

Multi-Parameter Assayed 5 Part Differential Hematology Control
- Five distinct populations of lymphocytes, monocytes, basophils, neutrophils, eosinophils
- 3 Levels Abnormal Low, Normal, Abnormal High
- Cap-Pierceable Vials allowing for auto sampling use
- 30 Day Open Vial Stability
- 120 Day Closed Vial Stability

Parameters
- WBC, RBC, PLT, HGB, HCT, MCV, MCH, MCHC, MPV, MCV, RDW, L#, L%, M#, M%, B#, B%, N#, N%, E#, E%

Assayed Instrumentation
- Abbott Cell-DYN Hematology Systems
- Beckman Coulter ACT, LH, DXH Systems
- Horiba Pentra Systems
- Nihon-Koden MEK Systems
- Mindray BC Systems
- Siemens Advia Systems
- Sysmex XT, XE, XS Systems
Diamond CliniSTAT™

- Intuitive, hierarchical selection and navigation interface
- Month to Date, Year to Date and Peer Group Reference
- Levey-Jennings Plots provided
- Linear Regression Graphs supplied on-line for Complete Customers
- Dynamic menus to support range of current and future capabilities

Sample pO₂ QC Level Graph

CliniSTAT™ is a simple to use, custom-designed web-based application which enables our quality control customers to review their results in comparison with a group of customers in a similar setting, referred to as a peer group. The application is simple to use and live allowing our customers current reporting. This service is available at no charge to customers.