



Quality Control



Streck quality controls

Quality controls are central to success in the clinical lab. Our proprietary cell stabilization technology creates dependable controls with exceptional physical similarity to actual patient samples. Streck controls evaluate the entire testing process, giving you confidence in the accuracy of your instrument and the validity of patient results.

body fluids



Cell-Chex®

The only manual body fluid procedural control for RBC and WBC counts, crystal identification and white blood cell differentiation.

- + Combines total cell count and WBC differential to validate the entire cell qualification and quantification procedure
- + Only body fluid control containing crystals
- + Multi-level control
- + 30-day open-vial stability; 6-month closed-vial stability



Cell-Chex® Auto

The first automated body fluid cell count control for Abbott®, Beckman Coulter®, Siemens Healthcare Diagnostics and Sysmex® hematology instruments.

- + Verifies instrument accuracy at the lower WBC and RBC linearity limits
- + All three levels of control are lower than low abnormal level of daily CBC controls
- + Plastic cap-pierceable vials allow for analyzer autosampling
- + 30-day open-vial stability; 75-day closed-vial stability



Sperm-Chex®

A procedural control with two levels of stabilized sperm cells to validate manual sperm count processes.

- + Two clinically significant levels of control
- + The only sperm count control on the market that contains sperm cells
- + Mimics a patient sample
- + 42-day open-vial stability; 12-month closed-vial stability

sickle



Sperm-Chex® Post VC

A positive/negative post-vasectomy verification control.

- + Only post-vasectomy control on the market that contains sperm cells
- + Provides a positive and negative control to validate manual post-vasectomy testing
- + Same chamber loading and optical characteristics as a patient sample
- + Mimics a patient sample
- + 42-day open-vial stability; 12-month closed-vial stability



SICKLEDEX®

A qualitative solubility test kit used to detect the presence of sickling hemoglobins in human blood or sickle cell control material.

- + Test results available in 6 minutes
- + 100-, 50- and 12-test kit configurations
- + Packaged in squeeze bottles for easy dispensing and elimination of waste
- + Requires a 20 µL patient or control sample and 2 mL of solubility buffer
- + 45-day open-vial stability; 12-month closed-vial stability



Sickle-Chex®

A positive and negative whole blood control for sickle cell screening.

- + Compatible with Streck SICKLEDEX and other solubility tests
- + Compatible with hemoglobin electrophoresis
- + Squeeze dropper vials for easy dispensing
- + Does not require reconstitution prior to use
- + Used like a patient sample
- + 100-day open-vial stability; 6-month closed-vial stability



hematology



Para 12® Extend

A whole blood hematology control with three distinct populations of lymphocytes, mononuclears and granulocytes.

- + Available in three clinically significant levels
- + Varying 3-part differential percentages test the accuracy and precision of the reported white blood cell populations
- + Plastic cap-pierceable vials for analyzer autosampling
- + 30-day open-vial stability; 190-day closed-vial stability



Para 12® Plus

A whole blood hematology control with three levels specifically formulated for the Abbott CELL-DYN® 5-part differential instruments.

- + Available in three clinically significant levels
- + Plastic cap-pierceable vials for analyzer autosampling
- + 7-day open-vial stability; 75-day closed-vial stability



Para 4®

A hematology control for small laboratories and point-of-care applications that perform a limited number of hematology tests.

- + Packaged in plastic squeeze dropper vials and glass vial options
- + Available in three clinically significant levels
- + 14-day open-vial stability; 110-day closed-vial stability

hematology



Retic-Chex® II

A whole blood tri-level control manufactured with reticulocytes that resemble the appearance of patient samples for accurate identification.

- + Assayed for automated and manual methods including Miller Ocular
- + Available in 1 mL plastic squeeze dropper vials
- + 14-day open-vial stability; 75-day closed-vial stability



Retic-Chex® Stain

A buffered and filtered New Methylene Blue stain to be used with Retic-Chex II and patient samples.

- + Room temperature storage
- + Available in 3 mL and 15 mL plastic squeeze dropper vials
- + 12-month open-vial stability; 12-month closed-vial stability



Retic-Chex® Linearity & Retic-Chex Linearity for BC

Linearity controls designed to establish the reportable range and linearity of select hematology analyzers that report the reticulocyte parameter.

- + Retic-Chex Linearity is assayed for Sysmex analyzers
- + Retic-Chex Linearity BC is assayed for Beckman Coulter® analyzers
- + Packaged in five-vial sets
- + Available in plastic cap-pierceable vials for analyzer autosampling
- + 5-day open-vial stability; 105-day closed-vial stability



hematology



STaK-Chex®

A 5-part white blood cell differential control that offers complete assay values for the Beckman Coulter® HmX and LH 500 instruments.

- + Available in three clinically significant levels
- + Plastic cap-pierceable vials for analyzer autosampling
- + Assay value files are available for download via zip files
- + Vials are barcoded for correct QC access
- + 14-day open-vial stability; 105-day closed-vial stability



STaK-Chex® Plus Retics

A 5-part white blood cell differential control that monitors all parameters including reticulocytes and nucleated red blood cells on Beckman Coulter® instruments.

- + The only combined control that includes all CBC parameters, reticulocytes and nucleated red blood cells which can be analyzed in a single run
- + The assay contains automated and manual reticulocyte values in three clinically significant levels and nucleated red blood cells in one level
- + Plastic cap-pierceable vials for analyzer autosampling
- + 14-day open-vial stability; 105-day closed-vial stability



HQ-Chex

A glucose and hemoglobin control specially formulated to evaluate the accuracy and precision of select HemoCue® analyzers.

- + Manufactured with human red blood cells to perform like patient samples
- + Packaged in plastic squeeze dropper vials
- + Available in three clinically significant levels
- + 30-day open-vial stability; 180-day closed-vial stability

hematology



CE

Cal-Chex

A whole blood product manufactured for calibrating multi-parameter hematology analyzers.

- + Value-assigned from replicate analysis on whole blood calibrated analyzers
- + Available in plastic cap-pierceable vials for analyzer autosampling
- + 5-day open-vial stability; 45-day closed-vial stability



CE

Cal-Chex A Plus

A whole blood product manufactured for calibrating Abbott hematology analyzers.

- + Value-assigned from replicate analysis on whole blood calibrated analyzers
- + Available in plastic cap-pierceable vials for analyzer autosampling
- + 5-day open-vial stability; 45-day closed-vial stability



CE

CVA/CVA for CELL-DYN® (Calibration Verification Assessment)

Assayed linearity control kits used to determine the reportable range and linear performance of 3-part and 5-part differential hematology instruments by testing the upper and lower limits.

- + Customized kits with WBC, RBC, hemoglobin and platelet ranges appropriate for each instrument model
- + Available in plastic cap-pierceable vials for analyzer autosampling
- + 5-day open-vial stability; 120-day closed-vial stability

hematology



ESR-Chex

A two-level hematology control manufactured from human red blood cells used to monitor erythrocyte sedimentation rates.

- + Reacts to physical factors such as benchtop vibration, temperature and tube angle
- + Alerts the technologist to possible problems that may affect the accuracy of patient results
- + Assayed for the most frequently used manual and automated sedimentation rate methods
- + 95-day open-vial stability;
12-month closed-vial stability



ESR-Chex Plus

A two-level hematology control manufactured from human red blood cells used to monitor erythrocyte sedimentation rates on automated methods that use EDTA tubes.

- + Contains barcodes for automatic QC file archive
- + Alerts the technologist to possible problems that may affect the accuracy of patient results
- + Assayed for Diesse MINI-CUBE and CUBE 30 Touch
- + 7-day open-vial stability;
12-month closed-vial stability

HbA1c

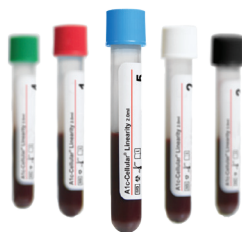


CE

A1c-Cellular®

The first and only HbA1c control with intact red blood cells to challenge the entire HbA1c procedure, including the lysing of red blood cells. A1c-Cellular is appropriate for immunoassay and ionic exchange HPLC methodologies.

- + Ready-to-use liquid control; does not require reconstitution
- + Plastic cap-pierceable vials for analyzer autosampling
- + 30-day open-vial stability;
190-day closed-vial stability



CE

A1c-Cellular® Linearity

A 5-level assayed linearity material used to assess instrument accuracy and verify the reportable range of the HbA1c parameter. It is the only commercially available linearity/calibration verification material with intact red blood cells. A1c-Cellular Linearity is appropriate for immunoassay and ionic exchange HPLC methodologies.

- + Ready-to-use liquid control; does not require reconstitution
- + Plastic cap-pierceable vials for analyzer autosampling
- + Provides values in percentages from NGSP and ranges of IFCC
- + 7-day open-vial stability;
105-day closed-vial stability



urinalysis

UA-Cellular® Complete

A combined urinalysis chemistry and microbiology control designed specifically for the Siemens CLINITEK Atlas®, Sysmex UF-1000i™ and the Arkray AUTION HYBRID™ AU-4050 integrated urinalysis instruments.



- + Aligns six urine particle types (RBC, WBC, casts, crystals, epithelial and bacteria) with the common urine chemistry analytes found in a patient sample
- + Tests the ability of the entire combined systems to accurately qualify and quantify chemistry and cellular components
- + Provides three bottles of control with specific concentrations of chemistry and cellular parameters to represent the various patient sample scenarios
- + 30-day open-vial stability;
105-day closed-vial stability

UA-Cellular® for IQ

A true cellular urinalysis control for the Iris Diagnostics iQ urine analyzer (iQ 200), ensuring that instrument RBC, WBC and epithelial identification and counts are accurate for patient samples.



- + Designed specifically for the Iris iQ urine analyzers
- + Two clinically significant levels of cellular control material
- + Daily use can lead to the detection of instrument filter issues before patient samples are compromised
- + 30-day open-vial stability;
105-day closed-vial stability

