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FLOW CYTOMETRY

CONTROLS

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GLOBAL LEADER
IN FLOW CYTOMETRY CONTROLS
AND CELL STABILIZATION

CD-CHEX PLUS® & CD-CHEX PLUS® BC* CE

Positive procedural control for monitoring immunophenotyping by flow cytometry. CD-Chex Plus provides the most assayed CD markers in the industry on a single control, including those on the HIV panel of markers recommended by the CDC and a normal level of CD34+ cells. CD-Chex Plus is manufactured from normal human peripheral blood leukocytes and erythrocytes. Available in two clinically relevant levels of CD4+ cells and compatible with most popular flow cytometry systems. CD-Chex Plus offers a 30-day open-vial stability and up to 90-day closed-vial stability. CD-Chex Plus is designed for use on BD Biosciences and Beckman Coulter® flow cytometry systems.

***CD-Chex Plus BC is formulated for use on the Beckman Coulter® flow cytometry systems and the Beckman Coulter TQ-Prep™**

CD-CHEX CD34® CE

A positive procedural control for enumerating CD34 positive cells by flow cytometry. The CD34 positive cells have characteristics of human progenitor cells, including low/intermediate side scatter properties, CD34 antigen expression and low expression of CD45. CD-Chex CD34 is available in three levels providing reference values similar to levels found in bone marrow, cord blood and mobilized patient samples. CD-Chex CD34 is compatible with ISHAGE gating strategies as well as commercially available enumeration kits. CD-Chex CD34 offers a 30-day open-vial stability and up to 90-day closed-vial stability.

CD-CHEX SELECT®

The first and only commercially available flow cytometry control with the selected group of CD markers used for immunophenotyping. Provides % positive values for CD26, CD41, CD57, CD58, CD61, CD64, FMC7, TCR α/β, TCR γ/δ and intracellular CD79a and MPO. CD-Chex Select can be used by the laboratory to verify the performance of its reagents, preparation methods, staining procedures and instrument performance. CD-Chex Select offers 30-day open-vial stability and up to 90-day closed-vial stability.

For Research Use Only. Not for use in diagnostic procedures.

CD-CHEX CD103 PLUS®

Intended to be used as a quality control material for evaluating intracellular and surface antigens, including CD103, CD30, CD38, CD56, CD138, and Cytoplasmic Lambda, with monoclonal antibody binding by flow cytometry. When these cells are stained with fluorescent antibodies and analyzed by flow cytometry, they provide reference values for abnormal peripheral blood leukocytes. CD-Chex CD103 Plus offers 30-day open-vial stability and up to 90-day closed-vial stability. CD-Chex CD103 Plus is designed for use on BD Biosciences and Beckman Coulter® flow cytometry systems.

For Research Use Only. Not for use in diagnostic procedures.

CD-CHEX CD117® PLUS

Developed with characteristics similar to the abnormal peripheral blood leukocytes often found in a hematolymphoid neoplastic patient sample. CD-Chex CD117 Plus possesses surface CD117, CD25 and CD71 that are detectable with fluorescent monoclonal antibodies by flow cytometry. Abnormal leukocytes are distinguishable from normal leukocytes on the basis of light scatter properties and a low level of CD45 expression. CD-Chex CD117 Plus offers 30-day open-vial stability and up to 90-day closed-vial stability. CD-Chex CD117 Plus is designed for use on BD Biosciences and Beckman Coulter® flow cytometry systems.

For Research Use Only. Not for use in diagnostic procedures.

CD-CHEX TDT PLUS®

Intended to be used as a quality control material for evaluating intracellular and surface antigens, including TdT (Terminal deoxynucleotidyl transferase), CD1a, CD34 and Cytoplasmic CD3, with monoclonal antibody binding by flow cytometry. When these cells are stained with fluorescent antibodies and analyzed by flow cytometry, they provide a reference value for abnormal cells found in certain types of hematopoietic neoplasms. CD-Chex TdT Plus offers 30-day open-vial stability and up to 90-day closed-vial stability. CD-Chex TdT Plus is designed for use on BD Biosciences and Beckman Coulter® flow cytometry systems.

For Research Use Only. Not for use in diagnostic procedures.

RELATED PRODUCTS

CYTO-CHEX® BCT CE

Direct-draw blood collection tube for immunophenotyping by flow cytometry. Minimizes adverse effects of time, storage and transport conditions on sample integrity. FDA 510(k) cleared for consistent recovery of HIV-associated lymphocyte subsets for up to 14 days. Samples are stable at room temperature.

STRECK CELL PRESERVATIVE™ CE

An easy-to-use liquid preservative that maintains cellular antigen expression, including cluster of differentiation (CD) markers of biological samples for analysis by flow cytometry. Samples treated with Streck Cell Preservative are stable for up to 7 days eliminating the adverse effects that time, storage and transport conditions can have on sample integrity. Preserves peripheral and cord blood samples, surgical tissue samples, bone marrow and fine needle aspirates. Available in 10.0 mL and 1.0 mL vials.

FLOW CYTOMETRY PRODUCTS

FIND YOUR MARKER

Phenotype	CD-Chex Plus	CD-Chex Plus BC	CD-Chex CD34	CD-Chex Select	CD-Chex CD103 Plus	CD-Chex CD117 Plus	CD-Chex TdT Plus
CD1a							•
CD2	•	•					•
CD3	•	•					
cCD3							•
CD4	•	•					•
CD5	•	•					•
CD7	•	•					•
CD8	•	•					•
CD10	•	•					
CD11b	•	•					
CD11c	•	•					
CD13	•	•					
CD14	•	•					
CD15	•	•					
CD16	•	•					
CD16·CD56	•	•					
CD19	•	•					
CD20	•	•					
CD22	•	•					
CD23	•	•					
CD25						•	
CD26				•			
CD30					•		
CD33	•	•					
CD34 (Progenitor)	•	•	•				
CD34 (Abnormal)							•
CD38+ / CD45+	•	•			•		
CD38+ / CD45-					•		
CD41				•			
CD45	•	•					
CD56	•	•			•		
CD57				•			
CD58				•			
CD61				•			
CD64				•			
CD71						•	
CD79a				•			
CD103					•		
CD117						•	
CD138					•		
FMC7				•			
HLA·DR	•	•					
Kappa / CD19	•	•					
Lambda / CD19	•	•					
cLambda					•		
MPO				•			
TCR α/β				•			
TCR γ/δ				•			
TdT							•

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