

Quality control Storage Stability- Automated Chemistry Stat Lab

Vendor	Control	Preparation	Open Storage Opened Tightly Capped	Exceptions/ Comments
Abbott Architect 4100				
Bio Rad	Multiquel Unassayed 1&3	Thaw to Room Temp	7 Days (2-8) °C	
Bio Rad	Liquichek Urine Chemistry 1&2	Bring to RT	30 Days (2-8) °C	
Bio Rad	Ammonia/ETOH Lv 1&3	Ready to Use	20 Days (2-8) °C	
Bio Rad	Liquichek Pediatric 2	Thaw to Room Temp	14 Days (2-8) °C	Frozen until Expiration Date Sensitive to Light
Stanbio	BHBT Low/Med/High	Ready to Use	60 Days (2-8) °C	
Bio Rad	Immunoassay Plus 1, 2, & 3	Thaw to Room Temp	14 days (2-8) °C	Frozen until Expiration Date
Bio Rad	Cardiac Markers Lo, 2, & 3	Thaw to Room Temp	10 days (2-8) °C for BNP	
WBH	In-House High BhCG Pool	Thaw to Room Temp	7 Days (2-8) °C	Frozen 1 Year
BioRad Specialty	Intact PTH (iPTH)	Thaw to Room Temp	30 Days (2-8) °C	Frozen- Reconstituted -30 days
Bio Rad	Cardiac Markers 1C, 2, & 3	Thaw to Room Temp	8 Days (2-8) °C for TnI	
Audit	Procalcitonin 1&2	2mL H2O, wait 30 min	7 Days (2-8) °C	
Abbott	HIV Neg and Pos 1-4	Ready to use	until exp date on box	

Radiometer ABL825				
Radiometer	Autocheck 1, 2, & 3	Ready to Use, No prep if used on instrument in carousel, Shake vial 10 x for use manually.	Store at Room Temp.	One Time Use Only

IL TOP 550				
Hemosil	Norm and Abnorm 1&3	1mL DI H2O, wait 30 min	24 Hours	No glass pipets
Hemosil	Dimer 1&2	Ready to use	5 Days*(2-8) °C	*When removed from analyzer and placed into walk-in

Sysmex XN 3100				
Sysmex	XN-Check Lv 1, 2, & 3	Bring to Room Temp, mix well until cell button on bottom is completely suspended. Follow instructions posted at instrument.	7 Days (2-8) °C	

ICON 20				
Germaine	HCG controls Pos & Neg	Bring to Room Temp	Expiration on package	

Fetal Fibronectin				
Hologic	FFN controls Pos & Neg	Bring to Room Temp	Expiration on package	

Sue-Vue Mono				
Sure-Vue	Monospot controls Pos & Neg	Bring to Room Temp	Expiration on package	

Beaumont Laboratory
Clinical Pathology
Royal Oak, MI 48073

Vendor	Calibrator	Unopened Stability and Storage	Preparation	Expiration Opened capped	Exceptions/ Comments
Abbott Architect 4100					
Abbott	ICT Serum Cal	Exp date on bottle RT	Ready to use	7 Days (2-8) °C	
Abbott	Multiconstituent Cal	Exp date on bottle (2-8) °C	Ready to use	7 Days (2-8) °C	
Abbott	Bilirubin Cal	Exp date on bottle (2-8) °C	Ready to use	7 Days (2-8) °C	
Abbott	CO2 Cal	Exp date on bottle (2-8) °C	Ready to use	30 Days (2-8) °C	
Abbott	Urine/CSF Prot Cal	Exp date on bottle (2-8) °C	Ready to use	Until Exp date	
Abbott	Ammonia (inc w/ reagent)	Exp date on bottle (2-8) °C	Ready to use	120 Days (2-8) °C	
Abbott	Lipase Cal	Exp date on bottle (2-8) °C	3mL H2O, 30 min	28 days (2-8) °C	
Abbott	Ethanol Cal	Exp date on bottle (2-8) °C	Ready to use	Until Exp date	
Stanbio	BHBT	Exp date on bottle 2-8 °C	Ready to use	18 Months (2-8 °C)	
Abbott	Clin Chem Cal	Exp date on bottle (2-8) °C	3mL H2O, 30 min	3 Days (2-8 °C)	*Can be frozen for 14 Days
Abbott	BhCG Cal	Exp date on bottle (2-8) °C	Ready to use	Until Exp date	
Abbott	BNP Cal	Exp date on bottle (2-8) °C	Ready to use	Until Exp date	
Abbott	Troponin Cal	Exp date on bottle (2-8) °C	Ready to use	Until Exp date	
Abbott	CK-MB Cal	Exp date on bottle (Frozen)	Thaw 45-60 min	90 Days (2-8 °C)	
Abbott	PCT Cal	Exp date on bottle (Frozen)	Thaw 30-60 min	Frozen 3 thaw cycles	*Freeze after opening
Abbott	PTH Cal	Exp date on bottle (Frozen)	Thaw 30-60 min	30 Days (2-8) °C	
Abbott	HIV Ag/Ab Combo Cal	Exp date on bottle (2-8) °C	Ready to use	Until Exp date	
ABL 825					
Radiometer	tHgb Calibrator	Exp on bottle RT	Ready to use	One time use only	Discard after Initial Use
Radiometer	Cal Gas 1	Exp. Date on bottle	Ready to use	Exp on bottle	Manufacturer's Expiration
Radiometer	Cal Gas 2	Exp on bottle RT	Ready to use	Exp on bottle	Manufacturer's Expiration
Radiometer	Cal Solution 1	Exp on bottle RT	Ready to use	1 month on board	30 days Room Temp
Radiometer	Cal Solution 2	Exp on bottle RT	Ready to use	2 months on board	45 days Room Temp
Advanced Osmometer					
Advance	290 Standard	Exp on bottle RT	ready to use	48 hrs capped RT	
Advance	50 & 850 Standard	Exp on bottle RT	ready to use	Single use	

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Document Control

Location of Master

Master electronic file stored on the Clinical Pathology server.

Master printed document stored in Chemistry Procedure Manual, STAT Lab.

Number of Controlled Copies posted for educational purposes:

Number of circulating Controlled Copies: 1

Location of circulating Controlled Copies:

1. Automated Chemistry Policy & Procedure Manual

Document History

Signature	Date		
Prepared by: Kathleen Cousineau	7/20/2007		
Approved by: Valerie Peterson MT(ASCP)SC	7/20/2007		
Reviewed by: (Signature)	Date	Revision #	Modification
Raymond E. Karcher	12/08/08		
Valerie Peterson	11/03/09	r01	Change ETOH Calibrator expiration.
Valerie Peterson	12/01/09		
Valerie Peterson	07/27/10	r02	Added Unopened Storage, Added BioRad Specialty, Lyphocheck and Liquicheck
			Immunoassay.
Vivek Kumar, Ph.D.	12/21/10		
John Wilson, PhD	02/06/12		
Kenneth Simkowski, PhD	09/12/14	r03	removed Cal uL, Cal U, changed HIV-1 to Clearview HIV 1/2 Rapid, removed Isotrol, Kovatrol, added Multiquel
Steven M. Truscott, PhD	12/29/16	r04	Change Liquicheck stability to 6 days, added Vista 500 to Calibrator list, added bilirubin controls to Vista, changed test method and QC material from OSOM Genzyme to ICON 20, and changed Bayer to Siemens
E Sykes MD	2/2/2018		
Peter Millward, MD	11/19/2018		
	9/9/2019	r05	Updated all QC and Calibrators for new instrumentation