

**ARROWHEAD REGIONAL MEDICAL CENTER
PATHOLOGY AND LABORATORY MEDICINE
CHEMISTRY PROCEDURE MANUAL**

2021 Summary of Revisions

Policy #	New	Major	Minor	Reviewed	Policy Title	Explanation (New and Major Revisions)
CHEMISTRY COBAS c501						
				X	Index	
401.01 Issue 1				X	Albumin	
401.02 Issue 1				X	Albumin - Fluid	
401.03 Issue 1				X	Alkaline Phosphatase	
401.04 Issue 2		X			Ammonia II	Manufacturer reagent upgrade
401.05 Issue 2			X		Amphetamine SYVA	
401.06 Issue 1			X		Amylase	
401.07 Issue 1				X	ALT	
401.08 Issue 1				X	AST	
401.09 Issue 1				X	Barbiturate	
401.10 Issue 1				X	Beta Hydroxybutyrate	
401.11 Issue 1			X		Calcium	
401.12 Issue 1				X	Carbamazepine	
401.13 Issue 1			X		CO ₂	
401.14 Issue 1				X	Cholesterol	
401.15 Issue 1			X		Cocaine	
401.16 Issue 1				X	CPK	
401.17 Issue 1				X	Creatinine	
401.18 Issue 1				X	hsCRP	
401.19 Issue 1				X	Direct Bilirubin	
401.20 Issue 1			X		Ethanol	

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CHEMISTRY COBAS c501						
401.21 Issue 1				X	GGT	
401.22 Issue 1				X	Gentamicin	
401.23 Issue 1			X		Glucose	
401.24 Issue 1				X	HDL-Cholesterol	
401.25 Issue 2				X	HGB A1C	
401.26 Issue 1				X	Iron	
401.27 Issue 1				X	ISE - Na, K and Cl	
401.28 Issue 1			X		Lactate	
401.29 Issue 1				X	LDH	
401.30 Issue 2				X	LDL-Cholesterol	
401.31 Issue 2		X			Lipase	New reagent conversion
401.32 Issue 1				X	Lithium	
401.33 Issue 2			X		Magnesium	
401.34 Issue 1			X		Opiates	
401.35 Issue 1			X		PCP	
401.36 Issue 1				X	Phenobarbital	
401.37 Issue 1			X		Phenytoin	
401.38 Issue 1			X		Phosphorus	
401.39 Issue 1				X	Prealbumin	
401.40 Issue 1				X	Rheumatoid Factor	
401.41 Issue 1				X	Salicylate	

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CHEMISTRY COBAS c501						
401.42 Issue 1				X	Serum Index	
401.43 Issue 1			X		THC	
401.44 Issue 1				X	Theophylline	
401.45 Issue 1				X	Tobramycin	
401.46 Issue 1			X		Total Bilirubin	
401.47 Issue 1				X	Total Protein	
401.48 Issue 1			X		Total Protein Urine/Fluids	
401.49 Issue 1				X	Triglyceride	
401.50 Issue 2				X	Tylenol (Acetaminophen)	
401.51 Issue 1				X	Unsaturated Binding Capacity (UIBC)	
401.52 Issue 1				X	Urea	
401.53 Issue 1			X		Uric Acid	
401.54 Issue 1				X	Valproic Acid	
401.55 Issue 2			X		Vancomycin	

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COBAS e601						
				X	Index	
402.01 Issue 1				X	AFP	
402.03 Issue 2				X	CA 125	
402.04 Issue 1				X	CEA	
402.05 Issue 2				X	Cortisol	
402.06 Issue 2				X	CK - MB	
402.07 Issue 1				X	Digoxin	
402.08 Issue 1				X	Ferritin	
402.09 Issue 2				X	Folate	
402.10 Issue 2				X	FSH	
402.11 Issue 2				X	FT3	
402.12 Issue 1				X	FT4	
402.13 Issue 1				X	HCG	
402.14					No Policy	
402.15 Issue 1				X	LH	
402.16 Issue 1				X	Pro BNP	
402.17 Issue 1				X	Prolactin	
402.18 Issue 2				X	PSA	
402.19 Issue 1				X	PTH - Intact	
402.20 Issue 1				X	T3	
402.21 Issue 1				X	T4	

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COBAS e601						
402.22 Issue 1				X	Troponin - I STAT	
402.23 Issue 2		X			TSH	Reagent conversion for increased biotin threshold
402.24 Issue 2				X	Vitamin B12	
402.25 Issue 1				X	Rubella	
402.26 Issue 1			X		PCT	
402.27 Issue 1				X	Syphilis	

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COBAS e602						
			X		Index	
402.28 Issue 2				X	Human Immunodeficiency Virus Combi PT	
402.29 Issue 1				X	Hepatitis A Virus	
402.30 Issue 1				X	Hepatitis B Surface Antigen	
402.31 Issue 1				X	Antibody to Hepatitis C Virus	
402.32 Issue 1				X	Hepatitis B Surface Antibody	
402.33 Issue 1				X	Hepatitis Core Antigen IgM Antibodies	
402.34 Issue 1	X				Anti-SARS-CoV2	NEW: New test added
402.35 Issue 1	X				Anti-SARS-CoV-2-S	NEW: New test added
403.01-403.05					COBAS 6000 Section	
431.09 Issue 3				X	Vitamin D Total II (25-OH Vitamin D)	

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COBAS 6000						
				X	Index	
403.01 Issue 1				X	Autoverification	
403.02 Issue 1				X	Body Fluids	
403.03 Issue 1			X		Calibrator and Controls	
403.04 Issue 1				X	Reporting of Toxicology	
403.05 Issue 1				X	Serum Index	
404.01 Issue 1				X	Carryover Studies	
404.02 Issue 1				X	Cumulative Operation List Report	
404.03 Issue 1				X	Downtime Procedure	
404.04 Issue 1				X	End of Run Maintenance / Start-Up	
404.05 Issue 1				X	Maintenance Procedures	

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SPECIAL CHEMISTRY						
				X	Index	
420.01 Issue 1				X	Corrective Action for Storage Units	
420.02 Issue 1				X	Ordering Policy and Procedure	
420.03 Issue 1				X	Lab Temperature and Humidity	
421.01					No Policy	
421.02 Issue 1				X	Drucker Centrifuge	
421.03 Issue 1				X	Acetoacetic Acid (Acetone)	
421.04-421.07					No Policy	
421.08 Issue 1				X	Fetal Fibronectin (FFN)	
421.09 Issue 1				X	Osmolality: 3250	
421.10					No Policy	
421.11 Issue 1				X	TS Meter Operating Instructions	
422.00 Issue 1				X	Pipette Calibration	
423.00 Issue 1				X	Water Polishers - GWT	
424.00 Issue 1				X	Glassware and Plastics Washing Procedure	
431.09					COBAS e602 Section	
431.10 Issue 1				X	HIV Confirmatory	

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QUALITY ASSURANCE (QA)/QUALITY MANAGEMENT (QM)/QUALITY CONTROL (QC)						
				X	Index	
440.00 Issue 1				X	Concepts of Workflow - Specimen Receiving Area	
441.00 Issue 1				X	Chemistry Processing Instructions	
442.00 Issue 1				X	Proficiency Testing In Chemistry	
443.00 Issue 1				X	Quality Control Procedure; and Performance Limits	
444.00 Issue 1				X	Calibration Verification and Limits; Alternate Method Comparison	
445.00 Issue 1			X		AMR, EMR and Dilution Protocol	
446.00 Issue 1			X		Reference Ranges	
447.00 Issue 1				X	Daily QA/QM Policies for Meditech	
448.00 Issue 1				X	Chemistry Monthly QA Report	
449.00					No Policy	
449.01 Issue 1				X	Paging (Critical) Values	
450.00 Issue 1				X	Reagent and Instrument Checks	
451.00 Issue 1				X	Quality of Water	
452.00 Issue 1				X	Chemistry Competency: Assessment Program	