

Test Menu - Automated Chemistry Core Lab

Beaumont

Clinical Pathology
Royal Oak

RC.CH.LOP.QCQA.RG.003r15

Effective Date: 12/5/2019

Supersedes: 9/19/2019

Abbott Architect c16000/c8000							
Serum/Plasma	Serum/Plasma	Serum/Plasma	Body Fluid				Urine
A1-Antitrypsin	CRP	Phosphorous	Peritoneal	Pleural	Dialysate	Pancreatic	Amylase
ACE	CRP High Sensitivity	PLACA	Albumin	Albumin	Creatinine	Amylase	Calcium
Albumin	Dbili	Plasma Hgb	Amylase	Amylase	Glucose		Chloride
Alk Phos	GGT	Pre-Albumin	Tbili	Tbili	Urea Nitrogen		Creatinine
ALT	Glucose	Rheumatoid Factor	Cholesterol	Cholesterol		Breast Milk	Glucose
Amylase	Haptoglobin, quant	Tbili	Creatinine	Glucose		Na	Magnesium
ASO	HDL Chol	Total Protein	Glucose	LD		K	Micro Albumin
AST	IgA	Transferrin	LD	Tot Protein		Cl	Phosphorus
Beta 2 Microglobulin	IgE	Triglycerides	Tot Protein	Triglycerides		Calcium	Potassium
BUN	IgG	Uric Acid	Triglycerides			Magnesium	Sodium
C3 Complement	IgM						Tot Protein
C4 Complement	Iron						Urea (UUN)
Calcium	K		Amniotic			Stool	Uric Acid
Ceruloplasmin	LD		Glucose			K	
Cholesterol	LDL Chol (Direct)					Na	
CK	Lipase					Cl	
Cl	Lipoprotein (a)						
CO2	Magnesium						
Creatinine	Na						

Abbott Architect i2000				
Serum		Plasma	Fluid	
AFP-Tumor Marker	FSH	Prolactin	BNP	Peritoneal
BhCG	HAV Antibody, IgM	PSA, Free	Troponin I	CA 19-9
CA 19-9	HAV Antibody, IgG	PSA, Total		
CA 15-3	HBc Antibody, IgM	PTH		Pleural
CA 125	HBc Antibody, Total	SHBG		CA 19-9
CEA	HBs Antibody	Testosterone, Tot		
C-Peptide	HBsAg/Conf	TSH		
Cortisol	HCV IgG Antibody	Vitamin B12		Pancreatic
DHEA-S	HIV 1/2 AB, p24 Ag	Vitamin D 25-OH		CEA
Estradiol	Homocysteine			
Ferritin	Insulin			
Folate	LH			
Free T3	Myoglobin			
Free T4	Progesterone			

Polymedco OC80
Occult Blood, Fecal (FIT) non-waived

Manual Tests
Geenius HIV 1/2 Supplemental Assay

Clinical Pathology: Automated Chemistry

BEAUMONT LABORATORY, Royal Oak

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Test Menu - Automated Chemistry STAT Lab

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Abbott Architect ci4100	
Serum/Plasma	Body Fluid
Albumin	CSF Glucose
Alk Phos	CSF Lactate
ALT	CSF LD
AST	CSF Protein
Ammonia	
Amylase	
BhCG	
BNP	
B-OH Butyrate	
BUN	
Calcium	
CK	
CK-MB	
Cl	
CO2	
Creatinine	
DBili	
Ethanol	
Glucose	
K	
Lactate	
LD	
Lipase	
Tbili	
Procalcitonin	
Phosphorous	
PTH (intact)	
TBili	
Tot Protein	
Troponin I	
Uric Acid	
Uric Acid Rasburicase	

Manual Procedures
FFN Fetal Fibronectin
hCG Urine (qual, waived)
Infectious Mono Ab, non-waived
Occult Blood, fecal, waived
Occult Blood, gastric, waived

Sysmex Hemo XN-3100
Measured
Baso %
EO %
IG #
IG %
Lymph%
MCV
Mono %
NRBC #
Platelet Count
Platelet-F
RBC
RDW-CV
Ret %
Tot Hgb
WBC
Derived
Diff absolute counts
HCT
MCH
MCHC
Neut %
NRB %
RDW-SD
RET #

Manual Microscopic
WBC Differential, Manual

TEG
Viscoelastography

Radiometer ABL825		
Whole Blood	Serum	Pleural Fluid
Cl	Ionized Ca2+	pH
CO Hgb %		
Glucose		
Hematocrit		
Ionized Ca2+		
K		
Lactate		
Met Hgb %		
Na		
O2 Hgb %		
O2 Sat %		
pCO2		
pH (Art, Ven, Cap)		
pO2		
Tot Hemoglobin		

Osmometer
Osmolality, serum/plasma
Osmolality, urine

ACL TOP 550
Plasma
INR, non-waived
PT
PTT
D-Dimer

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Test Menu - Automated Chemistry Urinalysis/Front Desk

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Urinalysis	
Siemens AUWi Line	Urine Manual Tests
Dipstick, automated, non-waived	hCG Urine (waived)
Microscopic, automated	Myoglobin
	SSA protein, qualitative
Clinitek-500	Body Fluid, Manual Tests
Dipstick, automated, non-waived	APT, Fetal Hgb
10-SG Multistix	pH Strips
Dipstick, manual, waived	pH, stool
	pH gastric, non-waived
	pH, Body Fluids (See Stat Lab Radiometer for Pleural)
Nikon Phase Microscope	
Microscopic, manual	
	Osmometer
Refractometer	Osmolality, serum/plasma
Specific Gravity - urine ONLY	Osmolality, urine
	Osmolality, stool

Front Desk
Body Fluid, Manual Tests
Occult Blood, gastric, waived
Occult Blood, fecal, waived

Authorized Reviewers

Automated Chemistry Supervisor or MT2

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Test Menus - Automated Chemistry

Document Location of Master:

Royal Oak Master electronic file stored on the Clinical Pathology server under
S:/Automated Chemistry/Document Control Library/CH/LOP/QCQA
Master printed document - Chemistry General Policy and Procedure Manual, Core Lab

Number of Controlled Copies posted for educational purposes:

Number of circulating Controlled Copies: 1

Location of circulating Controlled Copies:

Chemistry General Policy and Procedure Manual, STAT Lab

Document History

Signature	Date		
Prepared by: V. Peterson	2/24/2009		
Approved by: V. Peterson	2/24/2009		
Reviewd by: (Signature)	Date	Revision #	Modification
V. Peterson, MT(ASCP)SC	10/28/2009	r01	added analytes to match Activity Menu
V. Peterson, MT(ASCP)SC	12/1/2009		
V. Peterson, MT(ASCP)SC	7/9/2010	r02	delete serum Ketones; Move Acetone (qual) from Stat Lab to Urines, Manual
Vivek Kumar PhD	12/07/2010		
Vivek Kumar PhD	8/15/2011	r03	add Osmolality, fluid; add RC prefix to PY
John Wilson PhD	2/6/2012		
VPeterson MT(ASCP)SC	11/5/2013	r04	added workstations, updated test platforms
VPeterson MT(ASCP)SC	2/17/2014	r05	added workstations, updated test platforms
VPeterson MT(ASCP)SC	10/14/2014	r06	Removed AVL, added Polymedco OC 80
VPeterson MT(ASCP)SC	12/16/2014	r07	Added VISTA Plasma Proteins, Body Fluid Cl, Mg, Uric Acid. Removed O2 Sat%
Stephanie Barden, MLS(ASCP)	5/11/2014	r08	Add Minividas, move fluid Amy from Beckman to Advia
Stephanie Barden, MLS(ASCP)	9/25/2015	r09	List Fluid availability by type
Stephanie Barden, MLS(ASCP)	6/28/2016	r10	Removed Stool and urine clinitest, manual urine ketone, Add IgG, IgM, IgA, ASO to Core Vista, Added Breast Milk to Advia, hCG to Stat Lab Vista, add Uric Acid Rasburicase.
Dina Mansour MLS (ASCP) ^{CM}	3/29/2017	r11	Added Pleural CA199; removed Multispot and added Geenius; added PLACA to Advia; added Stool Na & K to Advia; added TSH to VISTA (CORE); Changed MiniVidas to MiniVidas3; Removed Serum HCG Qual; Removed STAT Lab fluids except CSF; Added Stool Osmo (Urinalysis)
E Sykes MD	2/2/2018		
Robin Carey-Ballough MT(ASCP)	8/15/2018	r12	Remove RBC Folate, Add Amniotic Fluid Glucose, Change Minividas to Vidas 3
Peter Millward, MD	11/19/2018		
Tyler Swift MT(ASCP) ^{cm}			Updated to reflect implementation of Abbott Architect analyzers, XN-3100, ACL TOP 550, Special Testing tests move to Abbott, TEG
Robin Carey-Ballough MT(ASCP)	7/11/2019	r13	
Tyler Swift MT(ASCP) ^{cm}	9/19/2019	r14	Removal of pH meter, specification of Pleural fluid for Radiometer

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