



110 West Cliff Avenue  
Spokane, WA 99204

**PATHOLOGY ASSOCIATES  
MEDICAL LABORATORIES**

509.755.8600  
800.541.7891

# TEST ALERT

Number 245, February 18, 2003

The following tables reflect revisions only; other existing data remain unchanged.

Test Method GA Workpar / SQ Code CPT Code(s)	Specimen Requirements	Reference Ranges	Comments Effective Date
ABO GROUP ABO / MIABO	1 mL serum (red top tube) and EDTA whole blood (lavender top tube). It is preferred that specimens be stored and transported refrigerated.		Min. amt: 0.5 mL. Other acceptable specimens: sodium citrated whole blood (black top tube). Unacceptable conditions: hemolyzed cells. Effective 3-11-03.
ABO/RH ABO/RH / MABORH	1 mL serum (red top tube) and EDTA whole blood (lavender top tube). It is preferred that specimens be stored and transported refrigerated.		Min. amt: 0.5 mL. Other acceptable specimens: sodium citrated whole blood (black top tube). Unacceptable conditions: hemolyzed cells. Effective 3-11-03.
ANTIBODY IDENTIFICATION AB ID / MABID	4 mL serum (red top tube) and EDTA whole blood (lavender top tube). It is preferred that serum be separated from the cells and specimens be stored and transported refrigerated.		Min. amt: 1 mL serum and 0.5 mL cells. Other acceptable specimens: citrated whole blood (blue top tube) and sodium citrated whole blood (black top tube). Unacceptable conditions: hemolyzed, grossly icteric or grossly lipemic specimens. Stability: 14 days refrigerated, 6 months frozen (unacceptable for cells). Effective 3-11-03.
BASIC METABOLIC PANEL, FLUID Colorimetric, Enzymatic, ISE FLBMP / FLBMP 84302, 84132, 82438, 82945, 84520, 82570	2 mL body fluid in plain (red top tube) or clean leakproof plastic container. Separate fluid from cells and put in separate plastic tube. Store and transport refrigerated.	Sodium, Fld      mmol/L Potassium, Fld    mmol/L Chloride, Fld     mmol/L Glucose, Fld      mg/dL Urea, Fld         mg/dL Creatinine, Fld    mg/dL	NEW PROCEDURE Min. amt: 1 mL. Effective 3-11-03.
BIO INTACT PARATHYROID HORMONE Chemiluminescence BPTH / BPTHNC 83970	1 mL frozen EDTA plasma (lavender top tube). Separate plasma from the cells, put in separate plastic tube, and freeze. A refrigerated centrifuge for this process is preferred.	6-40 pg/mL	NEW PROCEDURE Min. amt: 0.5 mL. Other acceptable specimens: serum. If calcium is requested and sample is serum, order BPTH. Unacceptable conditions: heparin plasma, gross hemolysis, or gross lipemia. Stability: 3 months frozen. Effective 3-11-03.
BIO INTACT PARATHYROID HORMONE + CALCIUM Chemiluminescence BPTH / BPTH 83970, 82310	1 mL frozen serum (red top tube). Separate serum from the cells, put in separate plastic tube, and freeze. A refrigerated centrifuge for this process is preferred.	Bio-Intact Parathyroid Hormone 6-40 pg/mL Calcium 8.5-10.5 mg/dL	NEW PROCEDURE Min. amt: 0.5 mL. Unacceptable conditions: EDTA, heparin or other plasma. Stability: 3 months frozen. Effective 3-11-03.
C-PEPTIDE C-PEP / CPEP	This workpar is being discontinued. Use the workpar CPEPS to order this test.		Now performed in house. Effective 3-3-03.
C-PEPTIDE ICMA CPEPS / CPEPS 84681	0.5 mL frozen serum (red top tube) from a fasting patient. Separate serum from cells, put in separate plastic tube, and freeze. Store and transport frozen.	C-Peptide, fasting 1.0-5.5 ng/mL	NEW PROCEDURE Min. amt: 0.3 mL. Stability: 1 week frozen. Effective 3-3-03.

Test Method GA Workpar / SQ Code CPT Code(s)	Specimen Requirements	Reference Ranges	Comments Effective Date
CALCIUM CAL / CA Also: BMPAC BMPA CMPAC CMPA RENALA INTACT.PTH PTH.C+INTACT GHPNA GHPNPR CHEMRA C-PTH		Calcium 8.5-10.5 mg/dL	Effective 3-11-03.
CHLORIDE CL / CL Also: EP BMPA BMPAC CMPA CMPAC RENALA CHEMRA GHPNA GHPNPR		Chloride 98-109 mmol/L	Effective 3-11-03.
COOMBS, IND (ANTIBODY SCR) ABS / MABS	4 mL serum (red top tube) and EDTA whole blood (lavender top tube). It is preferred that serum be separated from the cells and all specimens be stored and transported refrigerated. ABS is synonymous with Indirect Coombs (ICM). ABS "screen" can be done on serum only. However, a POS result requires cells also. That is, ABS can be done on serum only if NEG. Consequently, performing ABS on only serum is risky.		Min. amt: 1 mL serum and 0.5 mL cells. Other acceptable specimens: citrated whole blood (blue top tube), sodium citrated whole blood (black top tube). Unacceptable conditions: hemolyzed, grossly icteric or grossly lipemic specimens. Stability: 14 days refrigerated, 6 months frozen (unacceptable for cells). Effective 3-11-03.
CYSTIC FIBROSIS CARRIER SCR & DIAGNOSIS PCR and OLA CFSCR / CFSCR 83891, 83894, 83896×33, 83901, 83912	3-5 mL EDTA, sodium citrate, or ACD whole blood (lavender, blue, or yellow top tube). Submit original and unopened tube only. Store and transport at room temperature or refrigerated. Include patient's race and clinical indication. This test may reflex to additional tests depending on the results of this test. Additional fees will be added. <b>This test must be ordered on a paper requisition that accompanies the specimen. It is not an orderable test on the PAML computer system.</b>	Cystic Fibrosis Carrier Screening Interpretation Comments	NEW PROCEDURE Min. amt: 1 mL. Unacceptable conditions: serum, heparinized whole blood, frozen whole blood, severely hemolyzed specimens, specimens in leaking containers or over 5 days old, specimens not received in the original collection tubes. Stability: 72 hours at room temperature, 5 days refrigerated. Effective 3-3-03.
GLUCOSE/INSULIN RATIO Hexokinase/ICMA GLUINS / GLUINS 82947, 83525	3 mL serum (red top tube). Separate serum from cells and put in 2 separate plastic tubes. Store and transport one tube refrigerated and the other frozen.	Glucose 0-28 days 28-62 mg/dL Adult 65-109 Insulin Assay 6-27 µIU/mL Glucose/Insulin Ratio 50-100 µIU/mg	NEW PROCEDURE Min. amt: 1.5 mL. Unacceptable conditions: hemolyzed specimens or EDTA specimens. Stability: 2 days refrigerated, 3 months frozen. Effective immediately.

Test Method GA Workpar / SQ Code CPT Code(s)	Specimen Requirements	Reference Ranges	Comments Effective Date
NMP 22 EIA NMP22 / NMP22 86316 (ARUP)	5 mL frozen stablized urine. Collect a single void of urine between midnight and noon. Immediately following collection, add urine to NMP22 urine stabilizer vial and freeze. Stabilized urine should be blue-green. Store and transport frozen.	0.0-10.0 U/mL  The NMP22 assay is intended as an aid in the management of patients with transitional cell carcinoma of the urinary tract (TCC/UT). It is used after surgical treatment to identify patients with residual or rapidly recurring TCC/UT.  Values obtained with different assay methods should not be used interchangeably. ARUP uses the Matriech NMP22 Test Kit, which is an EIA method.	NEW PROCEDURE Urine stabilization kit is available from the PAML Supply Dept. Unacceptable conditions: nonstabilized urine. Stability: unacceptable at room temperature, 72 hours refrigerated, 1 month frozen. Values obtained with different assay methods should not be used interchangeably. ARUP uses the Matriech NMP22 Test Kit, which is an EIA method. Effective 3-11-03.
OBSTETRIC PANEL OB.PANEL / OBPAN	6 mL serum (red top tube), 7 mL EDTA whole blood (2 lavender top tubes), and 2 peripheral blood smears. It is preferred that all specimens except blood smears be stored and transported refrigerated. It is preferred to receive specimen for CBC (lavender top tube) within 12 hours of collection.		Effective 3-11-03.
PRENATAL PROFILE PRENAT / PRENAT	4 mL serum (red top tube) and EDTA whole blood (lavender top tube). It is preferred that specimens be stored and transported refrigerated.		Min. amt: 2 mL. Stability: 1 day at room temperature, 2 weeks refrigerated, 6 months frozen (frozen cells are unacceptable). Effective 3-11-03.
REFERRAL TEST (DYNACARE) REF.DYNACARE / RDYNA		Referral test to Dynacare	NEW PROCEDURE Effective 3-11-03.
REFERRAL TEST (LAB OF PATHOLOGY) REF.LOP / RLOP	This workpar is being deleted, to be replaced by REF.DYNACARE.		Effective 3-11-03.
REFERRAL TEST (FOCUS) REF.FOCUS / RFOCUS		Referral test to Focus	NEW PROCEDURE Effective 3-11-03.
REFERRAL TEST (MRL) REF.MRL / RMRL	This workpar is being deleted, to be repalced by REF.FOCUS.		Effective 3-11-03.
REFERRAL TEST (QUEST) REF.QUEST / RQUEST		Referral test to Quest	NEW PROCEDURE Effective 3-11-03.
REFERRAL TEST (NICHOLS) REF.NICH / RNICH	This workpar is being deleted, to be replaced by REF.QUEST.		Effective 3-11-03.
SODIUM SOD / NA Also: NA/K BMPAC EP RENALA CMPAC BMPA CMPA GHPNA GHPNAR CHEMRA		Sodium 135-145 mmol/L	Effective 3-11-03.

<b>Test Method</b> <b>GA Workpar / SQ Code</b> <b>CPT Code(s)</b>	<b>Specimen Requirements</b>	<b>Reference Ranges</b>	<b>Comments</b> <b>Effective Date</b>
TRICHROME STAIN TRICHOM / TRISM 88313			CPT code change only. Effective 3-11-03.
HEREDITARY HEMOCHROMATOSIS PCR HHPCR3 / HHCPCR 83890, 83894×3, 83901×6, 83912	5 mL EDTA whole blood (lavender top tubes). Due to the sensitivity of this test, submit the entire specimen in the original collection tube. Store and transport at room temperature. If delayed more than 72 hours, store and transport refrigerated. Do not freeze specimen.	Hereditary Hemochromatosis Result Genotype Interpretation Comment Test includes detection of C282Y, H63D, and S65C mutations. Patients receiving genetic testing should consider genetic counseling. Counseling of potentially affected family members may also be warranted.	NEW PROCEDURE Min. amt: 1 mL or a full EDTA microtainer. Other acceptable specimens: sodium citrate or ACD whole blood (blue or yellow top tube). Unacceptable conditions: heparinized whole blood, serum, grossly hemolyzed, frozen specimens, or specimens not in the original collection tubes. Also, specimens over 5 days old or in leaking containers. Stability: 72 hours at room temperature, 5 days refrigerated, unstable frozen. Effective 3-3-03.
PLATELET FUNCTION SCREEN, PEDIATRIC PFA-100 PFSPED / PFSPED 85576	5 mL sodium citrate whole blood (blue top tube). Store and transport at room temperature.	Collagen/Epinephrine 82-205 sec Collagen/ADP 58-122 sec	NEW PROCEDURE Min. amt: 3 mL. Stability: up to 4 hours at room temperature. Effective 3-10-03.
RETICULATED PLATELET Flow Cytometry RTCPLT / RTCPLT 88180	2 mL EDTA whole blood (lavender top tube). Store and transport refrigerated.	0-13 yrs 1.6-9.5 % 14 yrs or more 2.9-12.0 %	NEW PROCEDURE Min. amt: 0.5 mL. Unacceptable conditions: clotted or hemolyzed specimens. Stability: 24 hours at room temperature, 48 hours refrigerated. Effective 3-10-03.