



LEGACY
LABORATORY
SERVICES

TEST UPDATES

Notification Date: October 2018

Test Description	Effective Date	Type of Change	Comments
<u>ISOPROPANOL, QUANTITATIVE, SERUM, PLASMA OR BLOOD</u>	10/05/2018	CPT	Updated to: G0480
<u>ETHYLENE GLYCOL, SERUM, PLASMA, BLOOD OR URINE</u>	10/05/2018	CPT	CPT Updated to: G0480
<u>HALOPERIDOL, QUANTITATIVE, SERUM OR PLASMA</u>	10/05/2018	CPT	CPT Updated to: G0480
<u>IMIPRAMINE, QUANTITATIVE, SERUM OR PLASMA</u>	10/05/2018	CPT and Therapeutic Range	CPT Updated to: G0480 Therapeutic Range Updated Document: <u>Therapeutic Drug Monitoring (TDM) Guidelines for Pediatrics and Adults</u>
<u>HEROIN CONFIRMATION, URINE</u>	10/08/2018	CPT and Comments	CPT updated to: 80356, G0480 Comments: Added updated document <u>Drugs of Abuse Detection Times and Drug Metabolites</u>
<u>ETHOSUXIMIDE</u>	10/08/2018	Guidelines and Therapeutic Range	Updated both documents to: <u>Therapeutic Drug Monitoring (TDM) Guidelines for Pediatrics and Adults</u>
<u>ETHYLGLUCURONIDE SCREEN AND CONFIRMATION, URINE</u>	10/08/2018	CPT and Comments	CPT updated to: 80307 (Screen); 80321, G0480 (LCMSMS confirmation) Comments document updated to: <u>Drugs of Abuse Detection Times and Drug Metabolites</u>
<u>FELBAMATE</u>	10/08/2018	CPT and Therapeutic Range/Toxic Level	CPT updated to: 80339, G0480 and Therapeutic Range/Toxic Level Documents Updated to:
<u>CULTURE, HERPES SIMPLEX</u>	10/08/2018	Rejection Criteria	Updated to: Dry swabs, calcium alginate swabs, wood shaft swabs, CSF and Urine



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<u>ACETAMINOPHEN</u>	10/09/2018	CPT	CPT updated to 80299
<u>ALCOHOL, MEDICAL</u>	10/09/2018	CPT	CPT updated to 80299
<u>AMMONIA</u>	10/09/2018	Rejection Criteria	Moderately hemolyzed specimens, slightly lipemic specimens
<u>B-TYPE NATRIURETIC PEPTIDE</u>	10/09/2018	Min. Volume, Rejection Criteria	Min Vol. - 0.4 mL plasma (1.0 mL minimum whole blood draw) Rejection: Clotted specimens, grossly hemolyzed specimens, specimens collected in tubes other than EDTA plastic tubes, whole blood specimens greater than 7 hours old.
<u>COMPLEMENT C3</u>	10/09/2018	Handling, Stability	Handling: Allow serum to clot completely at room temperature (minimum for SST: 30 minutes; minimum for red top tubes: 60 minutes). Refrigerate specimen within 2 hours of collection . Stability: FROM TIME OF COLLECTION: Room Temperature (18-26°C): 2 hours
<u>COMPLEMENT C4</u>	10/09/2018	Handling, Stability	Handling: Allow serum to clot completely at room temperature (minimum for SST: 30 minutes; minimum for red top tubes: 60 minutes). Refrigerate specimen within 2 hours of collection . Stability: FROM TIME OF COLLECTION: Room Temperature (18-26°C): 2 hours
<u>GLUCOSE TOLERANCE TEST, MISCELLANEOUS</u>	10/09/2018	Collect	Updated to DO NOT MIX SPECIMEN TYPES.
<u>GLUCOSE, CHALLENGE TEST, 2 HOUR</u>	10/09/2018	Collect	Updated to DO NOT MIX SPECIMEN TYPES.
<u>GLUCOSE, NON-OB, POST-PRANDIAL, 2 HOUR</u>	10/09/2018	Collect	Updated to DO NOT MIX SPECIMEN TYPES.
<u>GLUCOSE, OB SCREEN, 1 HOUR</u>	10/09/2018	Collect	Updated to DO NOT MIX SPECIMEN TYPES.
<u>GLUCOSE, OB TOLERANCE, 2 HOUR</u>	10/09/2018	Collect	Updated to DO NOT MIX SPECIMEN TYPES.



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<u>GLUCOSE, OB TOLERANCE, 3 HOUR</u>	10/09/2018	Collect	Updated to DO NOT MIX SPECIMEN TYPES.
<u>HEMOGLOBIN A2</u>	10/09/2018	CPT	Updated to 83020
<u>IMMUNOELECTROPHORESIS, URINE</u>	10/09/2018	Reported	Updated to 3-6 days
<u>IRON BINDING CAPACITY, UNSATURATED (UIBC)</u>	10/10/2018	CPT	Iron: 83540, Iron binding capacity: 83550
<u>LACTATE DEHYDROGENASE, CEREBROSPINAL FLUID (CSF)</u>	10/10/2018	Handling, Transport, Stability	<p>Handling: Centrifuge and separate to remove cellular material. It is better to not refrigerate or freeze the specimen, but to hold at room temperature (18-26°C), with analysis done ASAP.</p> <p>Transport: INPATIENTS: Room temperature (18-26°C), run specimen immediately; OUTPATIENTS: Refrigerated (2-8°C)</p> <p>Stability: AFTER SEPARATION FROM CELLULAR MATERIAL: Room temperature (18-26°C): 7 days; Refrigerated (2-8°C): 48 hours; Frozen (≤-20°C): Unacceptable</p>
<u>LIPASE</u>	10/10/2018	Comments	<p>Venipuncture immediately after or during the administration of Metamizole (Dipyrone) may lead to falsely low results for Lipase. Venipuncture should be performed prior to administration of Metamizole.</p> <p>Metabolites of acetaminophen (N-acetyl-p-benzoquinone imine) will generate erroneously low results in samples of patients that have taken toxic doses of acetaminophen.</p>
<u>PHENYTOIN, FREE AND TOTAL</u>	10/10/2018	CPT	Updated to: Phenytoin, free: 80186; Phenytoin, total: 80185
<u>PRENATAL SCREEN, FIRST TRIMESTER</u>	10/10/2018	Stability	<p>AFTER SEPARATION FROM CELLS: Room Temperature (18-26°C): 8 hours; Refrigerated (2-8°C): 7 days; Frozen (≤ -20°C): 56 days</p> <p>If samples are frozen, thaw only once before testing.</p>



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<u>PRENATAL SCREEN, SECOND TRIMESTER</u>	10/10/2018	Stability	AFTER SEPARATION FROM CELLS: Room Temperature (18-26°C): 8 hours; Refrigerated (2-8°C): 7 days; Frozen (\leq -20°C): 2 months If samples are frozen, thaw only once
<u>RENAL FUNCTION PANEL WITH ESTIMATED GLOMERULAR FILTRATION RATE (GFR)</u>	10/10/2018	Preferred Volume and Minimum Volume	Preferred Volume: 1.0 mL serum or plasma Minimum Volume: 0.5 mL serum or plasma (1.2 mL minimum whole blood draw)
<u>RENAL STONE PROFILE, BLOOD AND URINE</u>	10/10/2018	Minimum Volume, Transport, Rejection Criteria	Min Volume: Serum or Plasma: 0.5 mL (1.2 mL minimum whole blood draw); Urine: 4.5 mL Transport: Urine Oxalate: Frozen (\leq -20°C); All other testing: Refrigerated (2-8°C) Rejection Criteria: Grossly hemolyzed specimens, urine specimens exposed to room temperature (18-26°C) for greater than 2 hours
<u>RENAL STONE PROFILE, URINE ONLY</u>	10/10/2018	Comments, Minimum Volume, Transport	Comments: Legacy Referral Department will adjust the pH to 1.5-2 with 6M HCl for ARUP Labs (Urine Oxalate and Urine Citrate). Min Volume: 4.5 mL Transport: Urine Oxalate: Frozen (\leq -20°C); all other testing: Refrigerated (2-8°C)
<u>SALICYLATE</u>	10/10/2018	CPT	Updated to: 80299
<u>UREA NITROGEN, URINE, RANDOM</u>	10/10/2018	CPT	Updated to: 84540
<u>UREA NITROGEN, URINE, TIMED</u>	10/10/2018	CPT	Updated to: 84540



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<u>URIC ACID, BLOOD</u>	10/10/2018	Comments	<p>Assay interference (negative) may be observed when high concentrations of N-acetylcysteine (NAC) are present.</p> <p>Venipuncture immediately after or during the administration of Metamizole (Dipyrone) may lead to falsely low results for uric acid. Venipuncture should be performed prior to administration of Metamizole.</p> <p>Metabolites of acetaminophen (N-acetyl-p-benzoquinone imine) will generate erroneously low results in samples of patients that have taken toxic doses of acetaminophen.</p>
<u>VALPROIC ACID, FREE AND TOTAL</u>	10/10/2018	CPT	Valproic Acid, Free: 80165, Valproic Acid, Total:80164
<u>ALBUMIN, BODY FLUID</u>	10/11/2018	Stability	Room Temperature (18-26°C): Unacceptable
<u>ALBUMIN, CSF</u>	10/11/2018	stability	Room Temperature (18-26°C): <1 hour; Refrigerated (2-8°C): 7 days; Frozen (≤ -20°C): 3 weeks if frozen within 24 hours of collection
<u>ALKALINE PHOSPHATASE</u>	10/11/2018	Stability and Handling	Handling: Allow serum to clot completely at room temperature (minimum: SST - 30 minutes and red top tubes - 60 minutes). Centrifuge and separate serum or plasma from cells preferably within four hours of collection. Stability: AFTER SEPARATION FROM CELLS: Room Temperature (18-26°C): 24 hours; Refrigerated (2-8°C): 7 days; Frozen (≤-20°C): 1 month
<u>ALLERGEN IGE, INDIVIDUAL</u>	10/12/2018	Stability and Handling	Handling: Allow serum to clot completely at room temperature (minimum: SST – 30 minutes and red top tubes – 60 minutes). Centrifuge and separate serum or plasma from cells within 2 hours. Stability: AFTER SEPARATION FROM CELLS: Room Temperature (18-26°C): Unacceptable; Refrigerated (2-8°C): 1 week; Frozen (≤ -20°C): 2 months.
ALLERGEN PANELS			
<u>AMYLASE, BLOOD</u>	10/16/2018	Stability	AFTER SEPARATION FROM CELLS: Room Temperature (18-26°C): 7 days; Refrigerated (2-8°C): 1 month; Frozen (≤ -20°C): 1 month



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<u>ASPARTATE AMINO-TRANSFERASE</u>	10/16/2018	Handling and Stability	Handling: Allow serum to clot completely at room temperature (minimum: SST - 30 minutes and red top tubes - 60 minutes). Centrifuge and separate serum from cells before transport. Stability: AFTER SEPARATION FROM CELLS: Room Temperature (18-26°C): 24 hours; Refrigerated (2-8°C): 7 days; Frozen (\leq -20°C): 1 month
<u>BASIC METABOLIC PANEL</u>	10/16/2018	Handling, min volume, preferred volume	Handling: Allow serum to clot completely at room temperature (minimum: SST - 30 minutes and red top tubes - 60 minutes). Preferably, separate serum or plasma from cells within one hour of collection. Pref Vol: 1.0 mL serum or plasma MinVol: 0.25 mL serum or plasma (0.60 mL min whole blood draw.)
<u>BASIC METABOLIC PANEL WITH ESTIMATED GLOMERULAR FILTRATION RATE (GFR)</u>	10/16/2018	Handling	Allow serum to clot completely at room temperature (minimum: SST - 30 minutes and red top tubes - 60 minutes). Preferably, separate serum or plasma from cells within one hour of collection.
<u>CALCIUM</u>	10/16/2018	Handling	Allow serum to clot completely at room temperature (minimum: SST - 30 minutes and red top tubes - 60 minutes). Centrifuge and separate serum or plasma from cells before transport.
<u>CARBON DIOXIDE, TOTAL</u>	10/16/2018	Handling, min volume, preferred volume	Handling: Allow serum to clot completely at room temperature (minimum: SST – 30 minutes and red top tubes – 60 minutes). Centrifuge and separate serum or plasma from cellular material within 4 hours of collection. Minimize exposure to air as much as possible. Pref Vol: 1.0 mL serum or plasma Min Vol: 0.25 mL serum or plasma (0.60 mL min whole blood draw.)
<u>CHLORIDE, BLOOD</u>	10/16/2018	Handling, min volume, preferred volume	Handling: Allow serum to clot completely at room temperature (minimum: SST - 30 minutes and red top tubes – 60 minutes). Preferably, separate serum or plasma from cells before transport. Pref Vol: 1.0 mL serum or plasma Min Vol: 0.25 mL serum or plasma (0.60 mL min whole blood draw.)
<u>COMPREHENSIVE METABOLIC PANEL</u>	10/16/2018	Handling	Allow serum to clot completely at room temperature (minimum: SST - 30 minutes and red top tubes - 60 minutes). Preferably, separate serum or plasma from cells within one hour of collection.



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<u>COMPREHENSIVE METABOLIC PANEL WITH ESTIMATED GLOMERULAR FILTRATION RATE (GFR)</u>	10/16/2018	Handling	Allow serum to clot completely at room temperature (minimum: SST - 30 minutes and red top tubes - 60 minutes). Preferably, separate serum or plasma from cells within one hour of collection.
<u>C-REACTIVE PROTEIN</u>	10/16/2018	Stability	AFTER SEPARATION FROM CELLS: Room Temperature (18-26°C): 11 days; Refrigerated (2-8°C): 2 months; Frozen (≤ -20°C): 6 Months
<u>C-REACTIVE PROTEIN, HIGH SENSITIVITY</u>	10/16/2018	Stability	AFTER SEPARATION FROM CELLS: Room temperature (18-26°C): 11 days; Refrigerated (2-8°C): 2 months; Frozen (≤ -20°C): 6 months
<u>CYCLIC CITRULLINATED PEPTIDE ANTIBODY</u>	10/16/2018	Transport	Frozen (≤ -20°C)
<u>ELECTROLYTES</u>	10/16/2018	Handling	Allow serum to clot completely at room temperature (minimum: SST - 30 minutes and red top tubes - 60 minutes). Preferably, separate serum or plasma from cells within 2 hours of collection.
<u>ELECTROPHORESIS, SERUM PROTEIN</u>	10/16/2018	Handling	Allow serum to clot completely at room temperature (minimum: SST - 30 minutes and red top tubes - 60 minutes). Centrifuge and separate serum from cells within 4 hours of collection. Refrigerate as soon as possible after collection.
<u>ELECTROPHORESIS, SERUM PROTEIN, WITH REFLEX IMMUNOFIXATION</u>	10/16/2018	Handling	Allow serum to clot completely at room temperature (minimum: SST - 30 minutes and red top tubes - 60 minutes). Centrifuge and separate serum from cells within 4 hours of collection. Refrigerate as soon as possible after collection.
<u>HEMOGLOBIN A1C</u>	10/16/2018	Rejection Criteria, Stability, Min Volume	Rejection Criteria: Serum and plasma specimens; Whole blood collected in tube with anticoagulant other than EDTA; Clotted specimens will be evaluated for acceptability and may be rejected. Stability: Room temperature (18-26°C): 6 days; Refrigerated (2-8°C): 30 days; Frozen (≤ -20°C): 45 days Min Vol: 0.5 mL EDTA whole blood



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<u>IMMUNOGLOBULIN-A</u>	10/16/2018	Handling	Allow serum to clot completely at room temperature (minimum for SST - 30 minutes and red top tubes - 60 minutes). Centrifuge and separate serum from cells within one hour of collection.
<u>IMMUNOGLOBULIN-G, CEREBROSPINAL FLUID</u>	10/16/2018	Handling	Allow serum to clot completely at room temperature (minimum for SST - 30 minutes and red top tubes - 60 minutes). Centrifuge and separate serum from cells within one hour of collection.
<u>IMMUNOGLOBULIN-G, SERUM</u>	10/16/2018	Handling	Allow serum to clot completely at room temperature (minimum for SST - 30 minutes and red top tubes - 60 minutes). Centrifuge and separate serum from cells within one hour of collection.
<u>IMMUNOGLOBULIN-M</u>	10/16/2018	Handling	Allow serum to clot completely at room temperature (minimum for SST - 30 minutes and red top tubes - 60 minutes). Centrifuge and separate serum from cells within one hour of collection.
<u>IMMUNOGLOBULIN PANEL</u>	10/16/2018	Handling	Allow serum to clot completely at room temperature (minimum for SST - 30 minutes and red top tubes - 60 minutes). Centrifuge and separate serum from cells within one hour of collection.
<u>IMMUNOGLOBULIN-E</u>	10/16/2018	Handling	Allow serum to clot completely at room temperature (minimum for SST - 30 minutes and red top tubes - 60 minutes). Centrifuge and separate serum from cells within one hour of collection.