

As an Interpath customer who receives electronic results or sends electronic orders you may need to be notified when we update our Service Manual. Although we try to keep these changes to a minimum, laboratory medicine is an evolving industry requiring changes to our technology from time to time. Depending on the requirements of your EMR or Hospital Information System you may be required to make similar changes to your system in order to correctly process inbound electronic results and create outbound electronic orders.

If you are uncertain that you are required to update your system we recommend that you contact your vendor for more information. As your laboratory service provider we are available to participate in the discussion with your vendor so that you clearly understand the impact of these changes.

Included in this email:

- This cover letter with a summary of the changes
- Microsoft Word® Document with the detail of these changes to our Service Manual
- Interpath Master Order/Result Compendium

Additional information including our most recent Service Manual and additional contact information can be found at [www.interpathlab.com](http://www.interpathlab.com)

**Effective Date: May 20, 2019**

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Order Code	Test Name	NC Name Change	CC Component Change	CPT CPT Change	SRC Specimen Requirements Change	RRC Reference Range Change	NT New Test	DT Discontinued Test	AOE Ask on Order Entry Questions
5019	CA 19-9				◆				
90030	Caffeine		◆						◆
91070	Copper, Urine				◆				
90007	Cystatin C w/Reflex to Estimated Glomerular Filtration Rate				◆	◆			
91900	Drug Screen, Umbilical Cord		◆		◆				
90060	Ethosuximide		◆						◆
90304	Hepatitis C Virus (HCV) NS5A Drug Resistance by Sequencing (Genotype 3)				◆				
91366	Histamine, Plasma				◆				
90009	Human Epididymis Protein 4 (HE4)				◆	◆			
2070	Immunofixation with Serum Protein Electrophoresis					◆			
93092	IgG Subclass 4				◆				
91143	Immunoglobulin G Subclasses				◆				
91963	Drug Screen (THC Metabolite), Umbilical				◆				
91179	Phenytoin, Free and Total		◆						◆
2075	Protein Electrophoresis, Serum with Reflex to Immunofixation					◆			
2779	Protein Electrophoresis Follow Up, Serum					◆			
92160	Testosterone Free LC/MS, Females or Children			◆					

**5019 CA 19-9**
**SRC**

<b>Specimen:</b>	
Collect:	<b>One SST</b>  Also Acceptable One Green Top (Li Heparin) One Green Top (Na Heparin) One Lavender (EDTA) One Pink Top (EDTA) One Red Top
Submit:	<b>1 mL (Min:0.5 mL) Serum. Submit Refrigerated. Submit in a Standard Transport Tube.</b>  Also Acceptable 1 mL (Min:0.5 mL) Plasma. Submit Refrigerated. Submit in a Standard Transport Tube.
Special Handling:	Allow specimen to clot completely at room temperature Avoid Repeated Freeze/Thaw Cycles For patients receiving therapy with high biotin doses (>5 mg/day), no laboratory test specimen should be collected until at least 8 hours after the last biotin administration. Separate from cells ASAP
Stability:	Ambient: 2 Hour(s); Refrigerated: 5 Day(s); Frozen: 3 Month(s); Incubated: Unacceptable
<b>Methodology:</b>	Electrochemiluminescence Immunoassay (ECLIA)
<b>Performed:</b>	Mon-Fri
<b>Reported:</b>	1-3 Day(s)
<b>CPT Codes:</b>	86301
<b>Interpretive Data:</b>	General Reference Range : 0-37 U/mL  The Roche e601 CA 19-9 electrochemiluminescent immunoassay is used. Results obtained with different assay methods or kits cannot be used interchangeably. CA 19-9 is useful in monitoring pancreatic, hepatobiliary, gastric, hepatocellular, and colorectal cancer. The CA 19-9 assay value, regardless of level, should not be interpreted as absolute evidence of the presence or absence of malignant disease.  Biotin in specimens taken from patients on high-dose biotin therapy or supplements may interfere with this test and cause inaccurate test results. It is recommended that for patients receiving therapy with high biotin doses (> 5 mg/day), no laboratory test specimen should be collected until at least 8 hours after the last biotin administration.

**Please take note of change to collection instructions.**

**90030 Caffeine**
**CC/AOE**

<b>Specimen:</b>							
Collect:	<b>One Red Top</b> Also Acceptable One Lavender (EDTA) One Pink Top (EDTA)						
Submit:	<b>0.5 mL (Min:0.2 mL) Serum. Submit Refrigerated. Submit in a Standard Transport Tube.</b> Also Acceptable 0.5 mL (Min:0.2 mL) Plasma. Submit Refrigerated. Submit in a Standard Transport Tube.						
Special Handling:	Separate from cells within 2 hours of collection						
Rejection Criteria:	Use of separator tubes						
Stability:	Ambient: 1 Week(s); Refrigerated: 1 Week(s); Frozen: 2 Month(s); Incubated: Unacceptable						
<b>Methodology:</b>	Enzyme Multiplied Immunoassay Technique (EMIT)						
<b>Performed:</b>	Wednesday, Saturday						
<b>Reported:</b>	2-6 Day(s)						
<b>CPT Codes:</b>	80155						
<b>Interpretive Data:</b>	Please see report for interpretive data.						
<b>Components:</b>	<table border="0"> <tr> <td>90031 - CAFFEINE</td> <td>90032 - CAFFEINE DOSE</td> </tr> <tr> <td>90033 - CAFFEINE ROUTE</td> <td>90034 - CAFFEINE FREQUENCY</td> </tr> <tr> <td>90035 - TYPE OF DRAW</td> <td></td> </tr> </table>	90031 - CAFFEINE	90032 - CAFFEINE DOSE	90033 - CAFFEINE ROUTE	90034 - CAFFEINE FREQUENCY	90035 - TYPE OF DRAW	
90031 - CAFFEINE	90032 - CAFFEINE DOSE						
90033 - CAFFEINE ROUTE	90034 - CAFFEINE FREQUENCY						
90035 - TYPE OF DRAW							

**Please take note of changes to components and ask on order entry questions.  
 Changing panel to single test under test number 90030.**

**Component Change:**

**Remove:** 90031 CAFFEINE, 90032 CAFFEINE DOSE, 90033 CAFFEINE ROUTE, 90034 CAFFEINE FREQUENCY, 90035 TYPE OF DRAW

**Ask on Order Entry Changes:**

**Remove:** 1124 Dose, 1125 Route, 1126 Dose Frequency, 1127 Type of Draw

**91070 Copper, Urine**
**SRC**

<b>Specimen:</b>									
Collect:	<b>Timed Urine in Timed Urine Container</b>  Also Acceptable Random Urine in Sterile Specimen Container								
Submit:	<b>8 mL (Min:1 mL) Aliquot(s) Timed Urine in Trace Element Free Tube. Submit Refrigerated.</b>  Also Acceptable 8 mL (Min:1 mL) Random Urine in Trace Element Free Tube. Submit Refrigerated.								
Special Handling:	24 HR Urine Collection Preferred Keep Specimen Refrigerated During Collection State Collection Time State Volume Diet, medication, and nutritional supplements may introduce interfering substances. Patients should be encouraged to discontinue nutritional supplements, vitamins, minerals, and non-essential over-the-counter medications (upon the advice of their physician). Collection from patients receiving iodinated or gadolinium-based contrast media must be avoided for a minimum of 72 hours post-exposure. Collection from patients with impaired kidney function should be avoided for a minimum of 14 days post contrast media exposure.  Collect in a plastic container. Transfer an 8 mL aliquot from a well-mixed collection to ARUP Trace Element-Free Transport Tubes								
Rejection Criteria:	Urine collected within 72 hours after administration of iodinated or gadolinium-based contrast media. Acid preserved urine. Specimens contaminated with blood or fecal material. Specimens transported in containers other than specified.								
Stability:	Ambient: 1 Week(s); Refrigerated: 2 Week(s); Frozen: 12 Month(s); Incubated: Unacceptable								
<b>Methodology:</b>	Inductively Coupled Plasma Mass Spectrophotometry								
<b>Performed:</b>	Sun-Sat								
<b>Reported:</b>	2-6 Day(s)								
<b>CPT Codes:</b>	82525								
<b>Interpretive Data:</b>	Please see report for interpretive data.								
<b>Components:</b>	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">93002 - COPPER, URINE</td> <td style="width: 50%;">93003 - COPPER, URINE</td> </tr> <tr> <td>93008 - CREAT, UR</td> <td>93009 - CREATININE</td> </tr> <tr> <td>93039 - COPPER, URINE</td> <td>93388 - URINE VOLUME</td> </tr> <tr> <td>93518 - HOURS COLLECTED</td> <td></td> </tr> </table>	93002 - COPPER, URINE	93003 - COPPER, URINE	93008 - CREAT, UR	93009 - CREATININE	93039 - COPPER, URINE	93388 - URINE VOLUME	93518 - HOURS COLLECTED	
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93008 - CREAT, UR	93009 - CREATININE								
93039 - COPPER, URINE	93388 - URINE VOLUME								
93518 - HOURS COLLECTED									

**Please take note of changes to special handling and rejection criteria.**

**90007 Cystatin C w/Reflex to Estimated Glomerular Filtration Rate SRC/RRC**

<b>Specimen:</b>	
Collect:	<b>One SST</b>  Also Acceptable One Green Top (Li Heparin) One Green Top (Na Heparin) One Red Top
Submit:	<b>1 mL (Min:0.5 mL) Serum. Submit Refrigerated. Submit in a Standard Transport Tube.</b>  Also Acceptable 1 mL (Min:0.5 mL) Plasma. Submit Refrigerated. Submit in a Standard Transport Tube.
Special Handling:	If the patient's age is unknown or is 18 years or greater, then Cystatin C Reflex will be added at no extra charge.
Rejection Criteria:	Grossly Hemolyzed Samples
Stability:	Ambient: Unacceptable; Refrigerated: 1 Week(s); Frozen: 3 Month(s); Incubated: Unacceptable
<b>Methodology:</b>	Quantitative Nephelometry
<b>Performed:</b>	Sun-Sat
<b>Reported:</b>	2-3 Day(s)
<b>CPT Codes:</b>	82610

**Please take note of changes to collection instructions, stability, and reference range.**

**Reference Range:**

Cystatin C: 0.5-1.2 mg/L

**91900 Drug Screen, Umbilical Cord**
**CC/SRC**

<b>Specimen:</b>																																																			
Collect:	<b>Umbilical Cord in Sterile Specimen Container</b>																																																		
Submit:	<b>Umbilical Cord in Sterile Specimen Container. Submit Refrigerated.</b>																																																		
Special Handling:	Collect at least 8 inches of umbilical cord. Specimen Preparation: Drain and discard any blood. Rinse the exterior of the cord segment with normal saline or an equivalent. Pat the specimen dry and place in container for transport. Storage/Transport Temperature: Refrigerated. Collection kits available. Please contact Interpath Client Services at 1-800-700-6891.																																																		
Rejection Criteria:	Cords soaking in blood Tissue that is obviously decomposed Formalin fixed																																																		
Stability:	Ambient: 1 Week(s); Refrigerated: 3 Week(s); Frozen: 12 Month(s); Incubated: Unacceptable																																																		
<b>Methodology:</b>	Quantitative Liquid Chromatography-Tandem Mass Spectrometry																																																		
<b>Performed:</b>	Sun-Sat																																																		
<b>Reported:</b>	2-4 Day(s)																																																		
<b>CPT Codes:</b>	80307																																																		
<b>Interpretive Data:</b>	Please see report for interpretive data.																																																		
<b>Components:</b>	<table border="0"> <tr> <td>91901 - INTERPRETATION</td> <td>90134 - Norbuprenorphine</td> </tr> <tr> <td>91905 - Buprenorphine</td> <td><b>91906 - Buprenorphine-G</b></td> </tr> <tr> <td>91907 - Codeine</td> <td>91908 - Dihydrocodeine</td> </tr> <tr> <td>91909 - Fentanyl</td> <td>91910 - Hydrocodone</td> </tr> <tr> <td>90135 - Norhydrocodone</td> <td>91911 - Hydromorphone</td> </tr> <tr> <td>91912 - Meperidine</td> <td>91913 - Methadone</td> </tr> <tr> <td>91914 - EDDP</td> <td>91915 - 6-Acetylmorphine</td> </tr> <tr> <td>91916 - Morphine</td> <td>91917 - Naloxone</td> </tr> <tr> <td>91919 - Oxycodone</td> <td>90136 - Noroxycodone</td> </tr> <tr> <td>91920 - Oxymorphone</td> <td>90137 - Noroxymorphone</td> </tr> <tr> <td>91921 - Propoxyphene</td> <td>91923 - Tapentadol</td> </tr> <tr> <td>91924 - Tramadol</td> <td>91925 - N-desmethyltramadol</td> </tr> <tr> <td>91926 - O-desmethyltramadol</td> <td>91927 - Amphetamine</td> </tr> <tr> <td>91928 - Benzoyllecgonine</td> <td>91929 - m-OH-Benzoyllecgonine</td> </tr> <tr> <td>91930 - Cocaethylene</td> <td>91931 - Cocaine</td> </tr> <tr> <td>91932 - MDMA-Ectasy</td> <td>91935 - Methamphetamine</td> </tr> <tr> <td>91936 - Phentermine</td> <td>91937 - Alprazolam</td> </tr> <tr> <td>91938 - Alpha-OH-Alprazolam</td> <td>91940 - Butalbital</td> </tr> <tr> <td>91941 - Clonazepam</td> <td>91942 - 7-Aminoclonazepam</td> </tr> <tr> <td>91943 - Diazepam</td> <td>91949 - Lorazepam</td> </tr> <tr> <td>91950 - Midazolam</td> <td>91951 - Alpha-OH-Midazolam</td> </tr> <tr> <td>91953 - Nordiazepam</td> <td>91954 - Oxazepam</td> </tr> <tr> <td>91955 - Phenobarbital</td> <td>91957 - Temazepam</td> </tr> <tr> <td>91960 - Zolpidem</td> <td>91961 - Phenacyclidine-PCP</td> </tr> <tr> <td>91965 - ERR Drug Detect</td> <td><b>91966 - Gabapentin</b></td> </tr> </table>	91901 - INTERPRETATION	90134 - Norbuprenorphine	91905 - Buprenorphine	<b>91906 - Buprenorphine-G</b>	91907 - Codeine	91908 - Dihydrocodeine	91909 - Fentanyl	91910 - Hydrocodone	90135 - Norhydrocodone	91911 - Hydromorphone	91912 - Meperidine	91913 - Methadone	91914 - EDDP	91915 - 6-Acetylmorphine	91916 - Morphine	91917 - Naloxone	91919 - Oxycodone	90136 - Noroxycodone	91920 - Oxymorphone	90137 - Noroxymorphone	91921 - Propoxyphene	91923 - Tapentadol	91924 - Tramadol	91925 - N-desmethyltramadol	91926 - O-desmethyltramadol	91927 - Amphetamine	91928 - Benzoyllecgonine	91929 - m-OH-Benzoyllecgonine	91930 - Cocaethylene	91931 - Cocaine	91932 - MDMA-Ectasy	91935 - Methamphetamine	91936 - Phentermine	91937 - Alprazolam	91938 - Alpha-OH-Alprazolam	91940 - Butalbital	91941 - Clonazepam	91942 - 7-Aminoclonazepam	91943 - Diazepam	91949 - Lorazepam	91950 - Midazolam	91951 - Alpha-OH-Midazolam	91953 - Nordiazepam	91954 - Oxazepam	91955 - Phenobarbital	91957 - Temazepam	91960 - Zolpidem	91961 - Phenacyclidine-PCP	91965 - ERR Drug Detect	<b>91966 - Gabapentin</b>
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**Please take note of changes to components and special handling.**
**Component Changes:**
**Remove:** 91906 Buprenorphine-G

**Add:** 91966 Gabapentin

**90060 Ethosuximide**
**CC/AOE**

<b>Specimen:</b>							
Collect:	<b>One Red Top</b>  Also Acceptable One Lavender (EDTA) One Pink Top (EDTA)						
Submit:	<b>1 mL (Min:0.5 mL) Serum. Submit Refrigerated. Submit in a Standard Transport Tube.</b>  Also Acceptable 1 mL (Min:0.5 mL) Plasma. Submit Refrigerated. Submit in a Standard Transport Tube.						
Special Handling:	Separate from cells within 2 hours of collection						
Rejection Criteria:	Use of separator tubes Whole blood						
Stability:	Ambient: 5 Day(s); Refrigerated: 1 Week(s); Frozen: 2 Month(s); Incubated: Unacceptable						
<b>Methodology:</b>	Quantitative Enzyme Immunoassay						
<b>Performed:</b>	Tuesday, Wednesday, Saturday						
<b>Reported:</b>	2-6 Day(s)						
<b>CPT Codes:</b>	80168						
<b>Interpretive Data:</b>	Please see report for interpretive data.						
<b>Components:</b>	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">90061 - ETHOSUXIMIDE</td> <td style="width: 50%; border: none;">90062 - DOSE</td> </tr> <tr> <td style="border: none;">90063 - ROUTE</td> <td style="border: none;">90064 - DOSE FREQUENCY</td> </tr> <tr> <td style="border: none;">90065 - TYPE OF DRAW</td> <td style="border: none;"></td> </tr> </table>	90061 - ETHOSUXIMIDE	90062 - DOSE	90063 - ROUTE	90064 - DOSE FREQUENCY	90065 - TYPE OF DRAW	
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90063 - ROUTE	90064 - DOSE FREQUENCY						
90065 - TYPE OF DRAW							

**Please take note of changes to components and ask on order entry questions.  
 Changing panel to single test under test number 90060.**

**Component Change:**

**Remove:** 90061 ETHOSUXIMIDE, 90062 DOSE, 90063 ROUTE, 90064 FREQUENCY, 90065 TYPE OF DRAW

**Ask on Order Entry Changes:**

**Remove:** 1124 Dose, 1125 Route, 1126 Dose Frequency, 1127 Type of Draw



**90304 Hepatitis C Virus (HCV) NS5A Drug Resistance by Sequencing (Genotype 3) SRC**

<b>Specimen:</b>	
Collect:	<b>One Lavender (EDTA)</b>  Also Acceptable One Pink Top (EDTA) One SST
Submit:	<b>2 mL (Min:1 mL) Plasma. Submit Frozen. Submit in a Standard Transport Tube.</b>  Also Acceptable 2 mL (Min:1 mL) Serum. Submit Frozen. Submit in a Standard Transport Tube.
Special Handling:	Separate serum from cells ASAP or within 2 hours of collection
Rejection Criteria:	Heparinized specimens Specimens exposed to repeat freeze/thaw cycles
Stability:	Ambient: Unacceptable; Refrigerated: 6 Hour(s); Frozen: 1 Month(s); Incubated: Unacceptable
<b>Methodology:</b>	Polymerase Chain Reaction (PCR); Sequencing
<b>Performed:</b>	Varies
<b>Reported:</b>	2-4 Week(s)
<b>CPT Codes:</b>	87900 <span style="float: right;">87902</span>
<b>Interpretive Data:</b>	Please see report for interpretive data.
<b>Components:</b>	90305 - EER HCV <span style="float: right;">90306 - HCV NS5A</span> 90307 - HCV NS5A

**Please take note of changes to reported times.**

**91366 Histamine, Plasma**
**SRC**

<b>Specimen:</b>	
Collect:	<b>One Lavender (EDTA)</b> Also Acceptable One Pink Top (EDTA)
Submit:	<b>1 mL (Min:0.5 mL) Plasma. Submit Frozen. Submit in a Standard Transport Tube.</b>
Special Handling:	Critical Frozen Separate aliquot required for each frozen test ordered Separate from cells ASAP Collect in chilled tube and immediately place on ice. Centrifuge, remove plasma and freeze within 20 minutes.
Rejection Criteria:	Hemolyzed specimens Lipemic Samples Specimen not submitted frozen
Stability:	Ambient: Unacceptable; Refrigerated: 6 Hour(s); Frozen: 6 Month(s); Incubated: Unacceptable
<b>Methodology:</b>	Quantitative Enzyme-Linked Immunosorbent Assay
<b>Performed:</b>	Tuesday, Saturday
<b>Reported:</b>	2-7 Day(s)
<b>CPT Codes:</b>	83088

**Please take note of changes to rejection criteria and stability.**

**90009 Human Epididymis Protein 4 (HE4)**
**SRC/RRC**

<b>Specimen:</b>	
Collect:	<b>One SST</b> Also Acceptable One Green Top (Li Heparin) One Lavender (EDTA) One Red Top
Submit:	<b>1 mL (Min:0.5 mL) Serum. Submit Frozen. Submit in a Standard Transport Tube.</b> Also Acceptable 1 mL (Min:0.5 mL) Plasma. Submit Frozen. Submit in a Standard Transport Tube.
Rejection Criteria:	Grossly Hemolyzed Samples
Stability:	Ambient: 5 Hour(s); Refrigerated: 2 Day(s); Frozen: 4 Month(s); Incubated: Unacceptable
<b>Methodology:</b>	Quantitative Electrochemiluminescent Immunoassay
<b>Performed:</b>	Sun-Sat
<b>Reported:</b>	1-2 Day(s)
<b>CPT Codes:</b>	86305

**Please take note of changes to collection instructions, submit requirements, rejection criteria, methodology, and reference range.**

**Reference Range:**

HE4: 0-140 pmol/L

**2070 Immunofixation with Serum Protein Electrophoresis**
**RRC**

<b>Specimen:</b>		
Collect:	<b>One SST</b> Also Acceptable One Red Top	
Submit:	<b>1 mL (Min:0.5 mL) Serum. Submit Refrigerated. Submit in a Standard Transport Tube.</b>	
Special Handling:	Includes Fractionalization of Total Protein and Immunofixation with a Pathologist' Interpretation.	
Rejection Criteria:	Grossly Hemolyzed Samples	
Stability:	Ambient: 8 Hour(s); Refrigerated: 1 Week(s); Frozen: 1 Month(s); Incubated: Unacceptable	
<b>Methodology:</b>	Colorimetric; Electrophoresis; Turbidimetric	
<b>Performed:</b>	Mon-Fri	
<b>Reported:</b>	2-5 Day(s)	
<b>CPT Codes:</b>	84155 86334	84165 82784x3
<b>Interpretive Data:</b>	Please see report for interpretive data.	
<b>Components:</b>	1044 - PROTEIN 2427 - ALBUMIN 2428 - ALPHA 1 2429 - ALPHA 2 2430 - BETA 2326 - IMMUNOGLOBULIN A 2445 - % GAMMA 5887 - INTERP	2441 - % ALBUMIN 2442 - % ALPHA 1 2443 - % ALPHA 2 2444 - % BETA 2325 - IMMUNOGLOBULIN G 2327 - IMMUNOGLOBULIN M 2425 - GAMMA

**Please take note of change to reference range:**
**Reference Range:**

Albumin: 3.5-5.0 g/dL

**93092 IgG Subclass 4**
**SRC**

<b>Specimen:</b>	
Collect:	<b>One SST</b>  Also Acceptable One Red Top
Submit:	<b>1 mL (Min:0.5 mL) Serum. Submit Refrigerated. Submit in a Standard Transport Tube.</b>
Stability:	Ambient: 2 Hour(s); Refrigerated: 8 Day(s); Frozen: 6 Month(s); Incubated: Unacceptable
<b>Methodology:</b>	Quantitative Nephelometry
<b>Performed:</b>	Mon-Sat
<b>Reported:</b>	2-4 Day(s)
<b>CPT Codes:</b>	82787

**Please take note of changes to collection instructions and submit requirements.**

**91143 Immunoglobulin G Subclasses**
**SRC**

<b>Specimen:</b>	
Collect:	<b>One SST</b>  Also Acceptable One Red Top
Submit:	<b>2 mL (Min:0.5 mL) Serum. Submit Refrigerated. Submit in a Standard Transport Tube.</b>
Special Handling:	Separate from cells ASAP
Stability:	Ambient: 2 Hour(s); Refrigerated: 8 Day(s); Frozen: 6 Month(s); Incubated: Unacceptable
<b>Methodology:</b>	Nephelometry
<b>Performed:</b>	Mon-Sat
<b>Reported:</b>	2-4 Day(s)
<b>CPT Codes:</b>	82787x4
<b>Interpretive Data:</b>	Please see report for interpretive data.
<b>Components:</b>	93089 - IgG SUBCLASS 1 93091 - IgG SUBCLASS 3 93090 - IgG SUBCLASS 2 93092 - IgG SUBCLASS 4

**Please take note of changes to collection instructions and submit requirements.**

**91963 Drug Screen (THC Metabolite), Umbilical**
**SRC**

<b>Specimen:</b>	
Collect:	<b>Umbilical Cord in Sterile Specimen Container</b>
Submit:	<b>Umbilical Cord in Sterile Specimen Container. Submit Refrigerated.</b>
Special Handling:	Collect at least 8 inches of umbilical cord. Specimen Preparation: Drain and discard any blood. Rinse the exterior of the cord segment with normal saline or an equivalent. Pat the specimen dry and place in container for transport. Collection kits available. Please contact Interpath Client Services at 1-800-700-6891.
Rejection Criteria:	Cords soaking in fluid. Formalin Fixed. Tissue that is decomposed.
Stability:	Ambient: 1 Week(s); Refrigerated: 3 Week(s); Frozen: 12 Month(s); Incubated: Unacceptable
<b>Methodology:</b>	Qualitative Liquid Chromatography - Tandem Mass Spectrometry
<b>Performed:</b>	Sun-Sat
<b>Reported:</b>	2-4 Day(s)
<b>CPT Codes:</b>	80349

**Please take note of changes to special handling, rejection criteria, and stability.**

**91179 Phenytoin, Free and Total**
**CC/AOE**

<b>Specimen:</b>									
Collect:	<b>One Red Top</b>								
Submit:	<b>2 mL (Min:1 mL) Serum. Submit Refrigerated. Submit in a Standard Transport Tube.</b>								
Special Handling:	Separate from cells ASAP Serum in a gel separator tube stored refrigerated is acceptable if separated from the gel within 1 hour.								
Rejection Criteria:	Use of separator tubes								
Stability:	Ambient: 4 Day(s); Refrigerated: 4 Day(s); Frozen: 1 Month(s); Incubated: Unacceptable								
<b>Methodology:</b>	Quantitative EMIT Immunoassay								
<b>Performed:</b>	Tuesday, Wednesday, Thursday, Friday, Saturday								
<b>Reported:</b>	2-5 Day(s)								
<b>CPT Codes:</b>	80185 <span style="float: right;">80186</span>								
<b>Interpretive Data:</b>	Please see report for interpretive data.								
<b>Components:</b>	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">93265 - FREE PHENYTOIN</td> <td style="width: 50%;">93272 - % FREE PHENYTOIN</td> </tr> <tr> <td>93273 - TOTAL PHENYTOIN</td> <td><b>90036 - DOSE</b></td> </tr> <tr> <td><b>90037 - ROUTE</b></td> <td><b>90038 - DOSE FREQUENCY</b></td> </tr> <tr> <td><b>90039 - TYPE OF DRAW</b></td> <td></td> </tr> </table>	93265 - FREE PHENYTOIN	93272 - % FREE PHENYTOIN	93273 - TOTAL PHENYTOIN	<b>90036 - DOSE</b>	<b>90037 - ROUTE</b>	<b>90038 - DOSE FREQUENCY</b>	<b>90039 - TYPE OF DRAW</b>	
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<b>90039 - TYPE OF DRAW</b>									

**Please take note of changes to components and ask on order entry questions.**

**Component Change:**

**Remove:** 90036 DOSE, 90037 ROUTE, 90038 DOSE FREQUENCY, 90039 TYPE OF DRAW

**Ask on Order Entry Changes:**

**Remove:** 1124 Dose, 1125 Route, 1126 Dose Frequency, 1127 Type of Draw

**2075 Protein Electrophoresis, Serum with Reflex to Immunofixation**
**RRC**

<b>Specimen:</b>													
Collect:	<b>One SST</b>  Also Acceptable One Red Top												
Submit:	<b>1 mL (Min:0.5 mL) Serum. Submit Refrigerated. Submit in a Standard Transport Tube.</b>												
Special Handling:	Reflex to Immunofixation will occur on a new accession in the cases of Hypergammaglobulinemia, the presence of an M-spike(s) in the beta or gamma regions, Beta-2 density equal to or greater than beta-1 density, beta-gamma bridging, or per pathologist's indication. Additional charges will apply.												
Rejection Criteria:	Grossly Hemolyzed Samples												
Stability:	Ambient: 8 Hour(s); Refrigerated: 1 Week(s); Frozen: 1 Month(s); Incubated: Unacceptable												
<b>Methodology:</b>	Colorimetric; Electrophoresis												
<b>Performed:</b>	Mon-Fri												
<b>Reported:</b>	2-5 Day(s)												
<b>CPT Codes:</b>	84155 <span style="float: right;">84165</span>												
<b>Interpretive Data:</b>	Please see report for interpretive data.												
<b>Components:</b>	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">1044 - PROTEIN</td> <td style="width: 50%;">2441 - % ALBUMIN</td> </tr> <tr> <td>2427 - ALBUMIN</td> <td>2442 - % ALPHA 1</td> </tr> <tr> <td>2428 - ALPHA 1</td> <td>2443 - % ALPHA 2</td> </tr> <tr> <td>2429 - ALPHA 2</td> <td>2444 - % BETA</td> </tr> <tr> <td>2430 - BETA</td> <td>2445 - % GAMMA</td> </tr> <tr> <td>2425 - GAMMA</td> <td>5883 - INTERP</td> </tr> </table>	1044 - PROTEIN	2441 - % ALBUMIN	2427 - ALBUMIN	2442 - % ALPHA 1	2428 - ALPHA 1	2443 - % ALPHA 2	2429 - ALPHA 2	2444 - % BETA	2430 - BETA	2445 - % GAMMA	2425 - GAMMA	5883 - INTERP
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**Please take note of change to reference range:**
**Reference Range:**

Albumin: 3.5-5.0 g/dL



**2779 Protein Electrophoresis Follow Up, Serum**
**RRC**

<b>Specimen:</b>													
Collect:	<b>One SST</b>  Also Acceptable One Red Top												
Submit:	<b>1 mL (Min:0.5 mL) Serum. Submit Refrigerated. Submit in a Standard Transport Tube.</b>												
Special Handling:	This test is for the continued monitoring of previously identified M-spikes and/or other abnormalities. If abnormalities are still present, no reflex to Immunofixation will occur.												
Rejection Criteria:	Grossly Hemolyzed Samples												
Stability:	Ambient: 8 Hour(s); Refrigerated: 1 Week(s); Frozen: 1 Month(s); Incubated: Unacceptable												
<b>Methodology:</b>	Colorimetric; Electrophoresis												
<b>Performed:</b>	Mon-Fri												
<b>Reported:</b>	2-5 Day(s)												
<b>CPT Codes:</b>	84155 <span style="float: right;">84165</span>												
<b>Interpretive Data:</b>	Please see report for interpretive data.												
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**Please take note of change to reference range:**
**Reference Range:**

Albumin: 3.5-5.0 g/dL

**92160 Testosterone Free LC/MS, Females or Children**
**CPT**
**Please take note of change to CPT.**

CPT: 84403