



INTERPATH
LABORATORY

Interpath Laboratory, Inc. Test File Update

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

Effective Date: August 3, 2026



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
1113	Albumin/Creatinine Ratio, Random Urine				◆				
1945	Albumin/Creatinine Ratio, Urine, Quant				◆				
94400	Apolipoprotein E (APOE) Genotyping, Alzheimer Disease		◆						
90140	Apolipoprotein E (APOE) Genotyping, Cardiovascular Risk		◆						
1155	Calcium/Creatinine, Urine Quant				◆				
1100	Creatinine Clearance				◆				
1101	Creatinine, Urine Quant				◆				
2498	Creatinine, Urine (Random)				◆				
91332	Gamma-Hydroxybutyric Acid, Serum or Plasma	◆			◆				
91327	Gamma-Hydroxybutyric Acid, Urine				◆				
95210	Gastrointestinal Parasite Panel by PCR						◆		
95074	Glutathione, Total				◆				
90147	Polychlorinated Biphenyls (PCB) Panel, Congeners, Serum or Plasma				◆				
1135	Protein/Creatinine Ratio, Urine				◆				
94301	Synthetic Cannabinoid Metabolites, Qualitative Urine				◆				
1416	Thyroid Autoantibody Group				◆				
91292	Tumor Necrosis Factor – Alpha, Serum				◆	◆			
91477	Vitamin B3 (Niacin and Metabolites)				◆				



1113 Albumin/Creatinine Ratio, Random Urine

SRC

Specimen:	
Collect:	Random Urine in Sterile Specimen Container Also Acceptable One Standard Transport Tube
Submit:	5 mL (Min:1 mL) Random Urine in Sterile Specimen Container. Submit Refrigerated.
Stability:	Ambient: Unacceptable; Refrigerated: 6 Day(s); Frozen: Unacceptable ; Incubated: Unacceptable
Methodology:	Turbidimetric
Performed:	Mon-Fri
Reported:	1-3 Day(s)
CPT Codes:	82043 82570
Interpretive Data:	Please see report for interpretive data.
Components:	1062 - ALBUMIN, URINE 2498 - CREATININE, URINE 1063 - ALBUMIN/CREAT RATIO

Please take note of stability change.

1. Changed frozen stability from 1 month to unacceptable

1945 Albumin/Creatinine Ratio, Urine, Quant

SRC

Specimen:	
Collect:	Timed Urine in Timed Urine Container Also Acceptable One Standard Transport Tube
Submit:	20 mL (Min:5 mL) Aliquot(s) Timed Urine in Sterile Specimen Container. Submit Refrigerated.
Special Handling:	24 HR Urine Collection Only Avoid Repeated Freeze/Thaw Cycles State Volume
Stability:	Ambient: Unacceptable; Refrigerated: 6 Day(s); Frozen: Unacceptable ; Incubated: Unacceptable
Methodology:	Nephelometry
Performed:	Mon-Fri
Reported:	1-3 Day(s)
CPT Codes:	81050 82570
Interpretive Data:	Please see report for interpretive data.
Components:	2490 - VOLUME (ML) 1062 - ALBUMIN, URINE 1063 - ALBUMIN/CREAT RATIO 1064 - ALBUMIN, URINE 2498 - CREATININE, URINE

Please take note of stability change.

1. Changed frozen stability from 1 month to unacceptable



94400 Apolipoprotein E (APOE) Genotyping, Alzheimer Disease

CC

Specimen:	
Collect:	Whole blood in Lavender (EDTA) Also Acceptable Whole blood in Pink Top (EDTA) Whole blood in Yellow Top (ACD Tube)
Submit:	3 mL (Min:1 mL) Whole blood in Lavender (EDTA). Submit Refrigerated. Also Acceptable 3 mL (Min:1 mL) Whole blood in Pink Top (EDTA). Submit Refrigerated. 3 mL (Min:1 mL) Whole blood in Yellow Top (ACD Tube). Submit Refrigerated. 2 mL (Min:1 mL) Whole blood in Lavender (EDTA). Submit Refrigerated. 3 mL (Min:1 mL) Whole blood in Lavender (EDTA). Submit Refrigerated. 3 mL (Min:1 mL) Whole blood in Yellow Top (ACD Tube). Submit Refrigerated.
Special Handling:	Testing of fetal specimens or specimens from patients under the age of 18 years is not offered.
Rejection Criteria:	Heparinized specimens Plasma Serum Frozen specimens in glass collection tubes.
Stability:	Ambient: 72 Hour(s); Refrigerated: 1 Week(s); Frozen: 1 Month(s); Incubated: Unacceptable
Methodology:	Fluorescence Monitoring; Polymerase Chain Reaction (PCR)
Performed:	Varies
Reported:	3-8 Day(s)
CPT Codes:	81401
Interpretive Data:	Please see report for interpretive data.
Components:	90138 - APOE SPECIMEN 94402 - APOE GT, ALZ

Please take note of component change and component name update.

1. Updated APOE SPECIMEN component number from 94401 to 90138.
2. Component 94402 update name to include ALZ



90140 Apolipoprotein E (APOE) Genotyping, Cardiovascular Risk

CC

Specimen:	
Collect:	One Lavender (EDTA) Also Acceptable One Pink Top (EDTA) One Yellow Top (ACD Tube)
Submit:	3 mL (Min:1 mL) Whole blood in 4 mL Lavender (EDTA). Submit Refrigerated. Also Acceptable 3 mL (Min:1 mL) Whole blood in 6 mL Pink Top (EDTA). Submit Refrigerated. 3 mL (Min:1 mL) Whole blood in Yellow Top (ACD Tube). Submit Refrigerated.
Special Handling:	This test is not recommended for nonsymptomatic patients under 18 years of age.
Rejection Criteria:	Heparinized specimens Plasma Serum Frozen specimens in glass collection tubes
Stability:	Ambient: 72 Hour(s); Refrigerated: 1 Week(s); Frozen: 1 Month(s); Incubated: Unacceptable
Methodology:	Fluorescence Monitoring; Polymerase Chain Reaction (PCR)
Performed:	Varies
Reported:	3-8 Day(s)
CPT Codes:	81401
Interpretive Data:	Please see report for interpretive data.
Components:	90138 - APOE SPECIMEN 90139 - APOE GT, CARDIAC

Please take note of component name update and days performed.

1. Days performed changed from Monday and Thursday to VARIES
2. Component 90139 update name to include CARDIAC

1155 Calcium/Creatinine, Urine Quant

SRC

Specimen:	
Collect:	Timed Urine in Timed Urine Container Also Acceptable One Standard Transport Tube
Submit:	20 mL (Min:5 mL) Timed Urine in Sterile Specimen Container. Submit Refrigerated.
Special Handling:	24 HR Urine Collection Only Avoid Repeated Freeze/Thaw Cycles Keep Specimen Refrigerated During Collection State Volume State Weight Calcium only: acidify urine pH to 2 with 6NHCL (no lower than 1.5)
Stability:	Ambient: 2 Day(s); Refrigerated: 6 Day(s); Frozen: Unacceptable; Incubated: Unacceptable
Methodology:	Colorimetric; Kinetic
Performed:	Mon-Fri
Reported:	1-3 Day(s)
CPT Codes:	82340 82570
Interpretive Data:	Please see report for interpretive data.
Components:	2450 - CALCIUM, URINE 2493 - CALCIUM, URINE 2490 - VOLUME (ML) 2417 - CREATININE, URINE 2486 - WEIGHT IN KG 2498 - CREATININE, URINE 1134 - CA/CREAT RATIO

Please take note of stability change.

1. Changed frozen stability from 1 month to unacceptable



1100 Creatinine Clearance

SRC

Specimen:	
Collect:	One SST Timed Urine in Timed Urine Container Also Acceptable One Red Top One Standard Transport Tube
Submit:	1 mL (Min:0.5 mL) Serum. Submit Refrigerated. Submit in a Standard Transport Tube. 10 mL (Min:5 mL) Aliquot(s) Timed Urine in Sterile Specimen Container. Submit Refrigerated.
Special Handling:	24 HR Urine Collection Preferred Keep Specimen Refrigerated During Collection State Height State Volume State Weight State number of hours of collection.
Rejection Criteria:	Serum specimen must be collected within 24 hours of urine collection start or finish.
Stability:	Ambient: 8 Hour(s); Refrigerated: 6 Day(s); Frozen: Unacceptable ; Incubated: Unacceptable
Methodology:	Colorimetric; Kinetic
Performed:	Mon-Fri
Reported:	1-3 Day(s)
CPT Codes:	82575
Interpretive Data:	Please see report for interpretive data.
Components:	1069 - CREATININE, SERUM 1111 - CREAT CLEAR 2491 - HRS OF COLLECTION 2499 - BODY SURFACE AREA 1040 - GFR ESTIMATION 2490 - VOLUME (ML) 2498 - CREATININE, URINE

Please take note of stability change.

1. Changed frozen stability from 1 month to unacceptable

1101 Creatinine, Urine Quant

SRC

Specimen:	
Collect:	Timed Urine in Timed Urine Container Also Acceptable One Standard Transport Tube
Submit:	10 mL (Min:5 mL) Aliquot(s) Timed Urine in Sterile Specimen Container. Submit Refrigerated.
Special Handling:	24 HR Urine Collection Only Keep Specimen Refrigerated During Collection State Volume State Weight
Stability:	Ambient: 2 Day(s); Refrigerated: 6 Day(s); Frozen: Unacceptable ; Incubated: Unacceptable
Methodology:	Colorimetric; Kinetic
Performed:	Mon-Fri
Reported:	1-3 Day(s)
CPT Codes:	82570
Interpretive Data:	Please see report for interpretive data.
Components:	2417 - CREATININE, URINE 2486 - WEIGHT IN KG 2490 - VOLUME (ML) 2498 - CREATININE, URINE

Please take note of stability change.

1. Changed frozen stability from 1 month to unacceptable



2498 Creatinine, Urine (Random)

SRC

Specimen:	
Collect:	Random Urine in Sterile Specimen Container Also Acceptable One Standard Transport Tube
Submit:	10 mL (Min:0.5 mL) Random Urine in Sterile Specimen Container. Submit Refrigerated.
Stability:	Ambient: 2 Day(s); Refrigerated: 6 Day(s); Frozen: Unacceptable ; Incubated: Unacceptable
Methodology:	Colorimetric; Kinetic
Performed:	Mon-Fri
Reported:	1-3 Day(s)
CPT Codes:	82570

Please take note of stability change.

1. Changed frozen stability from 1 month to unacceptable

91332 Gamma-Hydroxybutyric Acid, Serum or Plasma

NC, SRC

Specimen:	
Collect:	One Red Top Also Acceptable One Lavender (EDTA) One Pink Top (EDTA) One Standard Transport Tube
Submit:	1 mL (Min:0.5 mL) Serum. Submit Refrigerated. Submit in a Standard Transport Tube. Also Acceptable 1 mL (Min:0.5 mL) Plasma. Submit Refrigerated. Submit in a Standard Transport Tube.
Special Handling:	Separate serum from cells ASAP or within 2 hours of collection Separate aliquot must be submitted when multiple tests are ordered. Note: If gamma-hydroxybutyric acid is detected, then confirmation testing will be added.
Rejection Criteria:	Use of separator tubes Citrate buffered tubes
Stability:	Ambient: 1 Month(s) ; Refrigerated: 1 Month(s) ; Frozen: 2 Month(s); Incubated: Unacceptable
Methodology:	Quantitative Gas Chromatography - Tandem Mass Spectrometry
Performed:	Varies
Reported:	6-13 Day(s)
CPT Codes:	80307

Please take note of specimen requirements, special handling, rejection criteria, stability, methodology, and reported changes.

1. Removed gray top and Na heparin from collect specimens
2. Reduced volume from 4mL to 1mL and minimums from 3mL to 0.5mL.
3. Added "within 2 hours of collection", separate aliquot, and reflex notes to special handling
4. Added citrate buffered tubes to rejection
5. Updated ambient and refrigerated stability from 1 week to 1 month
6. Added the methodology
7. Reported changed from 7-14 to 6-13 days

91327 Gamma-Hydroxybutyric Acid, Urine

SRC

Specimen:

Collect:	Random Urine in Sterile Specimen Container Also Acceptable One Standard Transport Tube
Submit:	2 mL (Min:0.9 mL) Random Urine. Submit Frozen. Submit in a Standard Transport Tube.
Special Handling:	Separate aliquot required for each frozen test ordered Note: If gamma-hydroxybutyric acid is detected, then confirmation testing will be added at no additional charge.
Stability:	Ambient: 1 Week(s); Refrigerated: 1 Week(s); Frozen: 3 Week(s); Incubated: Unacceptable
Methodology:	Quantitative Gas Chromatography – Tandem Mass Spectrometry
Performed:	Varies
Reported:	6-13 Day(s)
CPT Codes:	80307

Please take note of specimen requirements, special handling, methodology, and reported changes.

1. Submit volume changed from 4mL to 2mL and minimum volume changed from 4mL to 0.9mL
2. Submit temperature changed from refrigerated to frozen
3. Added special handling note for separate aliquots and reflex testing
4. Updated methodology to include "Tandem"
5. Reported changed from 7-14 to 6-13 days.

95210 Gastrointestinal Parasite Panel by PCR

NT

Specimen:

Collect:	Random Stool in Sterile Specimen Container	
Submit:	1 mL (Min:0.5 mL) Random Stool in Sterile Specimen Container. Submit Frozen.	
Rejection Criteria:	Formalin-fixed stool.	
Stability:	Ambient: Unacceptable; Refrigerated: 2 Week(s); Frozen: 2 Week(s); Incubated: Unacceptable	
Methodology:	Qualitative Polymerase Chain Reaction (PCR)	
Performed:	Tuesday, Thursday, Saturday	
Reported:	3-6 Day(s)	
CPT Codes:	87505	
Interpretive Data:	Please see report for interpretive data.	
Components:	95211 - CRYPTOSPORIDIUM BY PCR 95213 - ENTAMOEBA HISTOLYTICA BY PCR 95215 - CYCLOSPORA CAYETANENSIS BY PCR	95212 - GIARDIA BY PCR 95214 - DIENTAMOEBA FRAGILIS BY PCR

Please take note of new test available for cyclospora testing.



95074 Glutathione, Total

SRC

Specimen:	
Collect:	Yellow Top (ACD Tube)
Submit:	9 mL (Min:5 mL) Whole blood in Yellow Top (ACD Tube). Submit Refrigerated. Also Acceptable 1 mL (Min:1 mL) Whole blood. Submit Refrigerated. Submit in a Standard Transport Tube. 6 mL (Min:3 mL) Whole blood in Yellow Top (ACD Tube). Submit Refrigerated.
Special Handling:	Both ACD Solution A (8.5mL) and Solution B (6.0mL) are acceptable sample types for this test. Separate specimens must be submitted when multiple tests are ordered. Collection tube must be filled greater than 50% of total volume. If transferring to ARUP aliquot, documentation of original collection must be included. Critical refrigerated.
Rejection Criteria:	Collection tube not properly filled
Stability:	Ambient: Unacceptable; Refrigerated: 3 Week(s); Frozen: Unacceptable; Incubated: Unacceptable
Methodology:	Kinetic
Performed:	Varies
Reported:	6-10 Day(s)
CPT Codes:	82978

Please take note of specimen requirement and special handling changes.

1. Updated minimums from 7mL to 5mL and 6mL to 3mL
2. Added special handling note about documentation of original collection



90147 Polychlorinated Biphenyls (PCB) Panel, Congeners, Serum or Plasma

SRC

Specimen:													
Collect:	One Red Top Also Acceptable One Lavender (EDTA) One Pink Top (EDTA)												
Submit:	2 mL (Min:0.7 mL) Serum. Submit Frozen. Submit in a Standard Transport Tube. Also Acceptable 2 mL (Min:0.7 mL) Plasma. Submit Frozen.												
Special Handling:	Separate aliquot required for each frozen test ordered Separate from cells within 2 hours of collection												
Rejection Criteria:	Use of separator tubes												
Stability:	Ambient: 2 Day(s); Refrigerated: 2 Week(s); Frozen: 1 Year(s); Incubated: Unacceptable												
Methodology:	Quantitative Gas Chromatography - Tandem Mass Spectrometry												
Performed:	Varies												
Reported:	6-9 Day(s)												
CPT Codes:	82441												
Interpretive Data:	Please see report for interpretive data.												
Components:	<table><tr><td>90148 - PCB CONGENER 28</td><td>90149 - PCB CONGENER 44</td></tr><tr><td>90150 - PCB CONGENER 52</td><td>90151 - PCB CONGENER 66</td></tr><tr><td>90152 - PCB CONGENER 74</td><td>90153 - PCB CONGENER 101</td></tr><tr><td>90154 - PCB CONGENER 118</td><td>90155 - PCB CONGENER 138</td></tr><tr><td>90156 - PCB CONGENER 153</td><td>90157 - PCB CONGENER 156</td></tr><tr><td>90158 - PCB CONGENER 180</td><td></td></tr></table>	90148 - PCB CONGENER 28	90149 - PCB CONGENER 44	90150 - PCB CONGENER 52	90151 - PCB CONGENER 66	90152 - PCB CONGENER 74	90153 - PCB CONGENER 101	90154 - PCB CONGENER 118	90155 - PCB CONGENER 138	90156 - PCB CONGENER 153	90157 - PCB CONGENER 156	90158 - PCB CONGENER 180	
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90154 - PCB CONGENER 118	90155 - PCB CONGENER 138												
90156 - PCB CONGENER 153	90157 - PCB CONGENER 156												
90158 - PCB CONGENER 180													

Please take note of specimen requirement and reported changes.

1. Submit storage changed from refrigerated to frozen
2. Added special handling of separate aliquots
3. Reported changed from 7-10 to 6-9 days



1135 Protein/Creatinine Ratio, Urine

SRC

Specimen:	
Collect:	Random Urine in Sterile Specimen Container Also Acceptable One Standard Transport Tube Timed Urine in Sterile Specimen Container
Submit:	5 mL (Min:1 mL) Random Urine in Sterile Specimen Container. Submit Refrigerated. Also Acceptable 5 mL (Min:1 mL) Timed Urine in Sterile Specimen Container. Submit Refrigerated.
Special Handling:	Clean catch midstream or catheter collection in sterile container. Avoid blood contamination
Stability:	Ambient: 2 Hour(s); Refrigerated: 2 Day(s); Frozen: Unacceptable ; Incubated: Unacceptable
Methodology:	Colorimetric; Kinetic
Performed:	Mon-Fri
Reported:	1-3 Day(s)
CPT Codes:	82570 84156
Interpretive Data:	Please see report for interpretive data.
Components:	1124 - PROTEIN, URINE 2498 - CREATININE, URINE 1072 - PROT/CREAT RATIO

Please take note of stability change.

1. Changed frozen stability from 1 month to unacceptable

94301 Synthetic Cannabinoid Metabolites, Qualitative Urine

SRC

Specimen:	
Collect:	Random Urine in Sterile Specimen Container Also Acceptable One Standard Transport Tube
Submit:	3 mL (Min:1.5 mL) Random Urine in Standard Transport Tube. Submit Refrigerated. Submit in a Standard Transport Tube.
Special Handling:	Separate specimens must be submitted when multiple tests are ordered.
Stability:	Ambient: 1 Month(s); Refrigerated: 1 Month(s); Frozen: 1 Month(s) ; Incubated: Unacceptable
Methodology:	Qualitative High Performance Liquid Chromatography-Tandem Mass Spectrometry
Performed:	Varies
Reported:	9-12 Day(s)
CPT Codes:	80352

Please note stability and reported changes.

1. Frozen stability changed from 6 months to 1 month
2. Reported changed from 9-13 to 9-12 days



1416 Thyroid Autoantibody Group

SRC

Specimen:		
Collect:	One SST Also Acceptable One Red Top One Standard Transport Tube	
Submit:	1 mL (Min:0.5 mL) Serum. Submit Refrigerated. Submit in a Standard Transport Tube.	
Special Handling:	Avoid repeated freeze and thaw cycles. Minimize air exposure Separate from cells ASAP Due to special analytical handling this test cannot be added to previously drawn specimens.	
Rejection Criteria:	Heat inactivated Hemolyzed specimens	
Stability:	Ambient: 8 Hour(s); Refrigerated: 3 Day(s); Frozen: 1 Month(s); Incubated: Unacceptable	
Methodology:	Electrochemiluminescence Immunoassay (ECLIA)	
Performed:	Mon-Fri	
Reported:	1-3 Day(s)	
CPT Codes:	86376	86800
Interpretive Data:	Please see report for interpretive data.	
Components:	2754 - ANTI-T PEROXIDASE	2755 - ANTI-THYROGLOBIN

Please note specimen requirement change

1. Removed alternate submission of plasma



91292 Tumor Necrosis Factor – Alpha, Serum

RRC, SRC

Specimen:	
Collect:	One SST Also Acceptable One Red Top One Standard Transport Tube
Submit:	1 mL (Min:0.4 mL) Serum. Submit Frozen. Submit in a Standard Transport Tube.
Special Handling:	Separate aliquot required for each frozen test ordered Separate from cells ASAP Separate from cells within 2 hours of collection Critical Frozen: Freeze serum within 30 minutes Note: Cytokine levels may demonstrate diurnal variation. For longitudinal comparison, it is recommended that cytokine levels be determined at the same time of day.
Rejection Criteria:	Heat inactivated Contaminated specimens Refrigerated specimens
Stability:	Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 12 Month(s); Incubated: Unacceptable
Methodology:	Quantitative Multiplex Bead Assay
Performed:	Sun-Sat
Reported:	2-5 Day(s)
CPT Codes:	83520

Please take note of special handling, rejection criteria, days performed, and reference range changes.

1. Added special handling for time to separate from cells and critical frozen.
2. Added note on diurnal variation of cytokine levels.
3. Added refrigerated specimens to rejection criteria
4. Days performed changed from Mon/Wed/Fri to Sun-Sat
5. Reference range changed from 7.2 pg/mL or less to 11.5 pg/mL or less.



91477 Vitamin B3 (Niacin and Metabolites)

SRC

Specimen:	
Collect:	One Red Top Also Acceptable Green Top (Li Heparin) Green Top (Na Heparin) SST Standard Transport Tube
Submit:	1 mL (Min:0.3 mL) Serum. Submit Frozen. Submit in a Standard Transport Tube. Also Acceptable 1 mL (Min:0.3 mL) Plasma. Submit Frozen. Submit in a Standard Transport Tube.
Special Handling:	Protect from Light Separate aliquot required for each frozen test ordered Separate serum from cells ASAP or within 2 hours of collection Collect specimen after a 4-hour fast. For determination of Vitamin B3 sufficiency, avoid use of vitamin supplements for 24 hours prior to collection.
Rejection Criteria:	EDTA plasma Hemolyzed specimens
Stability:	Ambient: 6 Hour(s); Refrigerated: 3 Day(s) ; Frozen: 1 Month(s); Incubated: Unacceptable
Methodology:	Quantitative High Performance Liquid Chromatography-Tandem Mass Spectrometry
Performed:	Tuesday, Wednesday, Friday, Saturday, Sunday
Reported:	2-6 Day(s)
CPT Codes:	84591
Interpretive Data:	Please see report for interpretive data.
Components:	94998 - NICOTINIC ACID 95000 - NICOTINURIC ACID 94999 - NICOTINAMIDE

Please note specimen handling, performed, and reported changes

1. Added requirement of separate frozen aliquots
2. Added refrigeration stability of 3 days
3. Changed days performed from Varies to Tue, Wed, Fri, Sat, and Sun
4. Updated reported from 4-10 to 2-6 days.