



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

Additional information including our most recent Service Manual and additional contact information can be found at www.interpathlab.com

Effective Date: January 23, 2017



Interpath Laboratory, Inc. Test File Update

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
1011	Alkaline Phosphatase					◆			
2073	Cortisol (AM)				◆	◆			
2081	Cortisol (PM)				◆	◆			
1498	Cosyntropin Panel				◆				
2180	Dexamethasone Suppression Test				◆	◆			
2051	Hemoglobin A1C Panel				◆				
90201	Homocysteine							◆	
2224	Homocysteine						◆		



1011 Alkaline Phosphatase

RRC

Collect:	One SST Also Acceptable One Green Top (Li Heparin) One Green Top (Na Heparin) One Red Top																													
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 within 2hrs after collection																													
Rejection Criteria:	Grossly Hemolyzed Samples																													
Stability:	Ambient: 8 Hour(s); Refrigerated: 4 Day(s); Frozen: 2 Week(s); Incubated: Unacceptable																													
Methodology:	Colorimetric; Kinetic																													
Performed:	Mon-Fri																													
Reported:	1-3 Day(s)																													
CPT Codes:	84075																													
Interpretive Data:	General Reference Range : 31-130 U/L																													
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Reference Range change effective 01/12/2017.

Normal (expected) levels of alkaline phosphatase depend largely on the age and gender of each individual tested. Thus, the above changes are being implemented to provide more accurate and up-to-date normal (reference) ranges for each gender and age-range indicated.

Please note previous reference range below:

General Reference Range : 30-128 U/L

Male Reference Ranges		Female Reference Ranges	
0 - 15 year(s) :	135-384 U/L	0 - 15 year(s) :	135-384 U/L
15 - 110 year(s) :	30-128 U/L	15 - 110 year(s) :	30-128 U/L



Interpath Laboratory, Inc.
Test File Update

2073 Cortisol (AM)

RRC/SRC

Specimen:	
Collect:	One SST Also Acceptable One Green Top (Li Heparin) One Lavender (EDTA) One Pink Top (EDTA) One Red Top
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:	Avoid Repeated Freeze/Thaw Cycles Minimize air exposure Draw between 6:00 a.m. - 10:00 a.m.
Stability:	Ambient: 1 Day(s); Refrigerated: 4 Day(s); Frozen: 12 Month(s); Incubated: Unacceptable
Methodology:	Electrochemiluminescence Immunoassay (ECLIA)
Performed:	Mon-Fri
Reported:	1-3 Day(s)
CPT Codes:	82533
Interpretive Data:	General Reference Range : 6.02-18.4 ug/dL

Please remove Green Top (Na Heparin) as an alternative collection specimen type.

Reference range change effective 01/12/2017.

Please note previous reference range of 6.2-19.4 ug/dL.

2081 Cortisol (PM)

RRC/SRC

Specimen:	
Collect:	One SST Also Acceptable One Green Top (Li Heparin) One Lavender (EDTA) One Pink Top (EDTA) One Red Top
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:	Avoid Repeated Freeze/Thaw Cycles Minimize air exposure Draw between 4:00 p.m. - 8:00 p.m.
Stability:	Ambient: 1 Day(s); Refrigerated: 4 Day(s); Frozen: 12 Month(s); Incubated: Unacceptable
Methodology:	Electrochemiluminescence Immunoassay (ECLIA)
Performed:	Mon-Fri
Reported:	1-3 Day(s)
CPT Codes:	82533
Interpretive Data:	General Reference Range : 2.68-10.5 ug/dL

Please remove Green Top (Na Heparin) as an alternative collection specimen type.

Reference range change effective 01/12/2017.

Please note previous reference range of 2.30-11.9 ug/dL.



1498 Cosyntropin Panel

SRC

Specimen:	
Collect:	Three SST Also Acceptable Three Green Top (Li Heparin) Three Lavender (EDTA) Three Pink Top (EDTA) Three Red Top
Submit:	Three 1 mL (Min:0.5 mL) Serum. Submit Refrigerated. Submit in a Standard Transport Tube. Also Acceptable Three 1 mL (Min:0.5 mL) Plasma. Submit Refrigerated. Submit in a Standard Transport Tube.
Special Handling:	Avoid Repeated Freeze/Thaw Cycles Minimize air exposure Patient should fast a minimum of 10 hours. Test should begin with collection of an 8:00 a.m. baseline Cortisol. Cosyntropin is injected IM, and samples drawn at 30 minutes and 60 minutes. Clearly label each sample with collection times.
Rejection Criteria:	Unlabeled Specimens
Stability:	Ambient: 1 Day(s); Refrigerated: 4 Day(s); Frozen: 12 Month(s); Incubated: Unacceptable
Methodology:	Electrochemiluminescence Immunoassay (ECLIA)
Performed:	Mon-Fri
Reported:	1-3 Day(s)
CPT Codes:	80400 82533
Interpretive Data:	Please see report for interpretive data.
Components:	2181 - PRE CORTISOL 2182 - CORTISOL 1 2184 - CORTISOL 1 TIME 2186 - CORTISOL 2 2188 - CORTISOL 2 TIME

*Please remove Green Top (Na Heparin) as an alternative collection specimen type.
Reference range unchanged.*

Test is considered positive for adrenal insufficiency if:

- a) The Cortisol level at baseline is <6 mcg/dl OR*
- OR -*
- b) The Cortisol level does not increase by at least 7 mcg/dl at 30 min. and 11 mcg/dl at 60 min*
- OR -*
- c) The Cortisol level does not double from the baseline and is less than 35-40 mcg/dl*

Interpretive data is based on a normal 8:00 am baseline. Increase in serum cortisol after COSYNTROPIN injection of more than 6 is expected if the adrenal glands are physically active and normally responsive to ACTH. Absence of such a rise is evident for primary adrenal insufficiency. Response may be abnormal after prolonged steroid therapy.



2180 Dexamethasone Suppression Test

SRC/RRC

Specimen:	
Collect:	One SST (POST) One SST (PRE) Also Acceptable Two Green Top (Li Heparin) Two Lavender (EDTA) Two Pink Top (EDTA) Two Red Top
Submit:	Two 1 mL (Min:0.5 mL) Serum. Submit Refrigerated. Submit in a Standard Transport Tube. Also Acceptable Two 1 mL (Min:0.5 mL) Plasma. Submit Refrigerated. Submit in a Standard Transport Tube.
Special Handling:	Avoid Repeated Freeze/Thaw Cycles Minimize air exposure Draw pre-cortisol on day one. Have patient take oral dose of dexamethasone (prescription given by physician) at midnight, draw sample at 8:00 a.m. on day two. Clearly mark specimen one "pre-cortisol", and specimen two "post-cortisol"
Rejection Criteria:	Unlabeled Specimens
Stability:	Ambient: 1 Day(s); Refrigerated: 4 Day(s); Frozen: 12 Month(s); Incubated: Unacceptable
Methodology:	Electrochemiluminescence Immunoassay (ECLIA)
Performed:	Mon-Fri
Reported:	1-3 Day(s)
CPT Codes:	82533x2
Interpretive Data:	Please see report for interpretive data.
Components:	2181 - PRE CORTISOL 2182 - CORTISOL 1

Please remove Green Top (Na Heparin) as an alternative collection specimen type.

Reference range change effective 01/12/2017.

Please note previous reference range of Cortisol (AM) = 6-28 ug/dL and Cortisol (PM) = 3-16 ug/dL.

Protocols for Dexamethasone Suppression Testing vary, therefore no reference ranges are given.

Pre-Cortisol reference range varies depending on time of draw, see reference ranges below.

Pre-Cortisol Reference Range:

Cortisol (AM) = 6.02-18.4 ug/dL

Cortisol (PM) = 2.68-10.5 ug/dL



Interpath Laboratory, Inc. Test File Update

2051 Hemoglobin A1C Panel

SRC

Specimen:	
Collect:	One Lavender (EDTA) Also Acceptable One Pink Top (EDTA)
Submit:	4 mL (Min:1 mL) Whole blood in Lavender (EDTA) [4 mL]. Submit Refrigerated. Also Acceptable 6 mL (Min:1 mL) Whole blood in Pink Top (EDTA) [6 mL]. Submit Refrigerated.
Special Handling:	Frozen Stability: 3 months at -80 degrees Celsius
Rejection Criteria:	Clotted Specimen
Stability:	Ambient: 18 Hour(s); Refrigerated: 1 Week(s); Frozen: 3 Month(s); Incubated: Unacceptable
Methodology:	<u>Electrophoresis</u>
Performed:	Mon-Fri
Reported:	1-3 Day(s)
CPT Codes:	83036
Interpretive Data:	Please see report for interpretive data.
Components:	2267 - HEMOGLOBIN A1C 2229 - EST AVG GLUCOSE

Please take note of stability and methodology changes effective 01/23/2017.

This new methodology better detects the presence of hemoglobin variants, some of which interfere with the accurate determination of hemoglobin A1c (HbA1c) levels. When detected, the presence of a hemoglobin variant will be indicated within the result report.



Interpath Laboratory, Inc. Test File Update

90201 Homocysteine

DT

2224 Homocysteine

NT

Specimen:													
Collect:	<p>One Lavender (EDTA)</p> <p>Also Acceptable One Green Top (Li Heparin) One Pink Top (EDTA) One Red Top One SST</p>												
Submit:	<p>1 mL (Min:0.5 mL) Plasma. Submit Refrigerated. Submit in a Standard Transport Tube.</p> <p>Also Acceptable 1 mL (Min:0.5 mL) Serum. Submit Refrigerated. Submit in a Standard Transport Tube.</p>												
Special Handling:	<p>Allow specimen to clot completely ON ICE. Store specimen on ice between collecting and centrifugation. Samples may be kept on ice for up to 6 hours prior to separation by centrifugation.</p> <p>**Due to instability of specimen, homocysteine' cannot be added to previously drawn specimens**</p>												
Rejection Criteria:	<p>Lipemic Samples Specimen submitted at room temperature Specimens containing particulate matter (Fibrin, RBC, or other matter)</p>												
Stability:	Ambient: Unacceptable; Refrigerated: 2 Week(s); Frozen: 8 Month(s); Incubated: Unacceptable												
Methodology:	Enzymatic; Reduction												
Performed:	Mon-Fri												
Reported:	1-3 Day(s)												
CPT Codes:	83090												
Interpretive Data:	<p>General Reference Range : 5.0-15.0 umol/L</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Male Reference Ranges</th> <th colspan="2" style="text-align: center;">Female Reference Ranges</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">0 - 60 year(s)</td> <td style="text-align: center;">5-15 umol/L</td> <td style="text-align: center;">0 - 60 year(s)</td> <td style="text-align: center;">5-15 umol/L</td> </tr> <tr> <td style="text-align: center;">60 - 999 year(s)</td> <td style="text-align: center;">5-20 umol/L</td> <td style="text-align: center;">60 - 999 year(s)</td> <td style="text-align: center;">5-20 umol/L</td> </tr> </tbody> </table>	Male Reference Ranges		Female Reference Ranges		0 - 60 year(s)	5-15 umol/L	0 - 60 year(s)	5-15 umol/L	60 - 999 year(s)	5-20 umol/L	60 - 999 year(s)	5-20 umol/L
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Effective 01/23/2017