

## Update Notes

## Update Summary

Update Existing Test	11/16/2020	<a href="#">CARFT - "Carnitine, Free and Total"</a>
Update Existing Test	10/22/2020	<a href="#">GLCRA - "Giardia/Cryptosporidium Antigen"</a>
Inactivate Test With Replacement	10/27/2020	<a href="#">ALKPI - "Alkaline Phosphatase Isoenzymes" replaced by ALPIS - "Alkaline Phosphatase Isoenzymes"</a>

## Update Existing Test

Effective Date	11/16/2020
Name	Carnitine, Free and Total
Code	CARFT
Interface Order Code	3607300
Legacy Code	CARNARP
Notes	Updates to result component names.

## Required Testing Changes

Result Code	Name	LOINC Code	AOE/Prompt <sup>2</sup>
3607310	Carnitine, Free Serum/Plasma	14286-9	No
3607320	Carnitine, Total, Serum/Plasma	14288-5	No
3607330	Carnitine, Esterified (acyl), Serum/Plasma	14282-8	No
3607335	Carn Ester/Free (ratio), Serum/Plasma	40869-0	No

## Update Existing Test

Effective Date	10/22/2020
Name	Giardia/Cryptosporidium Antigen
Code	GLCRA
Interface Order Code	3722200
Legacy Code	GLCRA
Notes	Updates to specimen requirements.

## Required Testing Changes

Specimen Required	<p>Patient Preparation: The patient must not use barium products, antacids, antidiarrheal medications, or laxatives containing oil prior to collection of a specimen for parasitological exam.</p> <p>Collect random stool. Send 10.0 g stool in a Total Fix<sup>®</sup> (5.0 g minimum) room temperature in a screw-capped plastic container. <b>Stool should be placed in preservative within 30 minutes of collection.</b></p>
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Inactivate Test With Replacement			
<b>Effective Date</b>	10/27/2020		
Inactivated Test			
<b>Name</b>	Alkaline Phosphatase Isoenzymes		
<b>Code</b>	ALKPI		
<b>Legacy Code<sup>1</sup></b>	ALKPI		
<b>Interface Order Code</b>	3400006		
<b>Notes</b>	The replacement test includes two additional result components.		
Replacement Test			
<b>Name</b>	Alkaline Phosphatase Isoenzymes		
<b>Code</b>	ALPIS		
<b>CPT Code(s)</b>	84075 Alkaline Phosphatase, Total 84080 Alkaline Phosphatase Isoenzymes		
<b>Notes</b>			
Specimen Requirements			
<b>Specimen Required</b>	Draw blood in a SST. Centrifuge, separate and send 2.0 mL serum (1.0 mL minimum) refrigerated in a screw-capped plastic vial.		
<b>Alternate Specimen</b>	Serum: Red-top		
<b>Stability</b>	Room temperature: 7 days; Refrigerated: 21 days; Frozen: 21 days		
Performing Information			
<b>Methodology</b>	Spectrophotometry/Electrophoresis		
<b>Reference Range</b>	See report		
<b>Performed Days</b>	Tuesday - Saturday		
<b>Turnaround Time</b>	3 - 5 days		
<b>Performing Laboratory</b>	Quest SJC		
Interface Information			
<b>Legacy Code<sup>1</sup></b>	ALPIS		
<b>Interface Order Code</b>	3400260		
Result Code	Name	LOINC Code	AOE/Prompt <sup>2</sup>
3400363	Alkaline Phosphatase	6768-6	No
3400364	Intestine Isoenzyme	15014-4	No
3400365	Bone Isoenzyme	15013-6	No
3400366	Liver Isoenzyme	15015-1	No
3400367	Placental Isoenzyme	15016-9	No
3400368	Macrohepatic Isoenzyme	35707-9	No
3400369	Interpretation	49243-9	No



LABORATORY REPORT

Example Client, XYZ123
1234 Warde Road
Ann Arbor MI 48108

EXAMPLE, REPORT

WX0000082358 M 09/06/2004 16 Y

Referral Testing

Collected: 10/22/2020 10:16

Received: 10/22/2020 10:16

Test Name Result Flag Ref-Ranges Units Site

Alkaline Phosphatase Isoenzymes

Alkaline Phosphatase 300 H 56-234 U/L QUESC

Test Performed at:
Quest Diagnostics Nichols Institute
33608 Ortega Highway
San Juan Capistrano, CA 92675-2042

Intestine Isoenzyme 100 H 1-13 % QUESC

I Maramica MD, PhD, MBA

Pediatric Reference Ranges for Intestinal Isoenzyme:

<4 years: Not Established
4-9 years: 2-14%
10-13 years: 2-12%
14-17 years: 1-13%

Bone Isoenzyme 100 H 46-90 % QUESC

Pediatric Reference Ranges for Bone Isoenzyme:

<4 years: Not Established
4-9 years: 67-87%
10-13 years: 63-89%
14-17 years: 46-90%

Liver Isoenzyme 60 H 8-53 % QUESC

Pediatric Reference Ranges for Liver Isoenzymes:

<4 years: Not Established
4-9 years: 9-24%
10-13 years: 8-28%
14-17 years: 8-53%

Increased intestinal alkaline phosphatase can be seen in blood group O and B secretors and after fatty meals.

Placental Isoenzyme 0 0 % QUESC

Test Performed at:
Quest Diagnostics Nichols Institute
33608 Ortega Highway
San Juan Capistrano, CA 92675-2042

Macrohepatic Isoenzymes . QUESC

I Maramica MD, PhD, MBA

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED



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Referral Testing

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<u>Test Name</u>	<u>Result</u>	<u>Flag</u>	<u>Ref-Ranges</u>	<u>Units</u>	<u>Site</u>
Interpretation	POSITIVE				QUESC

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED