

Alkaline Phosphatase, Total and Isoenzymes, Serum

Test ID: ALKI

Explanation: On the effective date, ALKI (Alkaline Phosphatase, Total and Isoenzymes, Serum) will be obsolete and replaced with the test below.

Recommended Alternative Test:

Alkaline Phosphatase, Total and Isoenzymes, Serum

Test ID: ALKP

Methodology:

ALP: Colorimetric

ALPI: Electrophoresis

Reference Values:

ALKALINE PHOSPHATASE

Males

0-14 days: 83-248 U/L

15 days-<1 year: 122-469 U/L

1-<10 years: 142-335 U/L

10-<13 years: 129-417 U/L

13-<15 years: 116-468 U/L

15-<17 years: 82-331 U/L

17-<19 years: 55-149 U/L

> or =19 years: 40-129 U/L

Females

0-14 days: 83-248 U/L

15 days-<1 year: 122-469 U/L

1-<10 years: 142-335 U/L

10-<13 years: 129-417 U/L

13-<15 years: 57-254 U/L

15-<17 years: 50-117 U/L

> or =17 years: 35-104 U/L

ALKALINE PHOSPHATASE ISOENZYMES

< or =17 years: Reference values have not been established for patients less than 18 years of age.

> or =18 years:

Liver %: 30.2-74.7

Liver U/L: 15.8-71.9

Bone %: 23.8-68.3

Bone U/L: 12.0-56.7

Intestine %: < or =22.5

Intestine U/L: < or =12.6

Specimen Requirements:

Patient Preparation:	Fasting (8 hours) required
Submission Container/Tube:	Sarstedt Aliquot Tube, 5 mL (T914)
Collection Container/Tube Preferred:	Serum gel
Collection Container/Tube Acceptable:	Red top
Specimen Volume:	1 mL
Collection Instructions:	1. Within 2 hours of collection, centrifuge the specimen. 2. For red top tubes, immediately aliquot into a plastic vial. 3. For serum gel tubes, serum may sit on gel refrigerated but must be aliquoted within 7 days.
Minimum Volume:	1 mL

Specimen Stability Information:

Specimen Type	Temperature	Time
Serum	Frozen (preferred)	14 days
	Ambient	7 days
	Refrigerated	7 days

CPT Code:

84075

84080

Day(s) Performed: Tuesday through Saturday **Report Available:** 3 to 5 days

Questions

Contact Melissa Tricker-Klar, Laboratory Resource Coordinator at 800-533-1710.