MAYO CLINIC
Mayo Medical Laboratories

REFERENCE VALUE CHANGE
NOTIFICATION DATE: March 24, 2011
EFFECTIVE DATE: April 19, 2011

Alkaline Phosphatase, Serum
#8340
&
Alkaline Phosphatase, Total and Isoenzymes, Serum
#89503

EXPLANATION: Effective April 19, 2011, the Central Clinical Laboratory will implement new age-related reporting comments to supplement existing reference values for test #8340, Alkaline Phosphatase, Serum, which is also a member of profile test #89503, Alkaline Phosphatase, Total and Isoenzymes, Serum. Separate, new reference value comments will be implemented for males <4 years of age, and females <4 years of age. No other changes will occur at this time.

Male Patients

CURRENT REFERENCE VALUES:	**NEW REFERENCE VALUES**:
Males 4 years: 149-369 U/L 5 years: 179-416 U/L 6 years: 179-417 U/L 7 years: 172-405 U/L 8 years: 169-401 U/L 9 years: 175-411 U/L 10 years: 191-435 U/L 11 years: 185-507 U/L 12 years: 185-562 U/L 13 years: 182-587 U/L 14 years: 166-571 U/L 15 years: 138-511 U/L 16 years: 102-417 U/L 17 years: 69-311 U/L 18 years: 52-222 U/L > or =19 years: 45-115 U/L	Males Reference values have not been established for patients that are less than 4 years of age. 4 years: 149-369 U/L 5 years: 179-416 U/L 6 years: 179-417 U/L 7 years: 172-405 U/L 8 years: 169-401 U/L 9 years: 175-411 U/L 10 years: 191-435 U/L 11 years: 185-507 U/L 12 years: 185-562 U/L 13 years: 182-587 U/L 14 years: 166-571 U/L 15 years: 138-511 U/L 16 years: 102-417 U/L 17 years: 69-311 U/L 18 years: 52-222 U/L > or =19 years: 45-115 U/L

Female Patients

CURRENT REFERENCE VALUES:	**NEW REFERENCE VALUES:**
Females 4 years: 169-372 U/L 5 years: 162-355 U/L 6 years: 169-370 U/L 7 years: 183-402 U/L 8 years: 199-440 U/L 9 years: 212-468 U/L 10 years: 215-476 U/L 11 years: 178-526 U/L 12 years: 133-485 U/L 13 years: 120-449 U/L 14 years: 153-362 U/L 15 years: 75-274 U/L 16 years: 61-264 U/L 17-23 years: 52-144 U/L 24-45 years: 37-98 U/L 46-50 years: 39-100 U/L 51-55 years: 41-108 U/L 56-60 years: 46-118 U/L 61-65 years: 50-130 U/L > or =66 years: 55-142 U/L	Females Reference values have not been established for patients that are less than 4 years of age. 4 years: 169-372 U/L 5 years: 162-355 U/L 6 years: 169-370 U/L 7 years: 183-402 U/L 8 years: 199-440 U/L 9 years: 212-468 U/L 10 years: 215-476 U/L 11 years: 178-526 U/L 12 years: 133-485 U/L 13 years: 120-449 U/L 14 years: 153-362 U/L 15 years: 75-274 U/L 16 years: 61-264 U/L 17-23 years: 52-144 U/L 24-45 years: 37-98 U/L 46-50 years: 39-100 U/L 51-55 years: 41-108 U/L 56-60 years: 46-118 U/L 61-65 years: 50-130 U/L > or =66 years: 55-142 U/L

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager
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