

## **Alkaline Phosphatase (ALP)**

Alkaline phosphatase was performed on a Hitachi Model 737 multichannel analyzer (Roche Diagnostics, Indianapolis, IN).

In the presence of magnesium ions, p-nitrophenylphosphate is hydrolyzed by phosphatases to phosphate and p-nitrophenol. The rate of p-nitrophenol liberation is proportional to the ALP activity and can be measured photometrically.

-from *Laboratory Procedures Used for the Third National Health and Nutrition Examination Survey (NHANES III) 1988-1994*  
Elaine W. Gunter, Brenda G. Lewis, and Sharon M. Koncikowski, 1996