

Notice pdf - Rapid, Accurate Analysis of Blood Lactate

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Résumé ou extrait : A method is described for the enzymatic analysis of blood L-lactic acid. The method is based on existing methods, but incorporates certain unique features which permit a rapid and precise analysis of a large number of samples. One of the more important features is the use of a simplified procedure for correcting the problematic drift of the unstable reaction mixture. In addition, conditions for the enzymatic activity were established which facilitate complete oxidation of lactate in 30 to 35 minutes. A comparative analysis of several blood filtrates, using the present method versus a well-known chemical method, as well as recovery analyses using the two methods, establishes the validity of the present test system.

Sujet - Nom commun : Lactate
Acidose lactique