

Rapid, Accurate Analysis of Blood Lactate

Type de contenu : Texte

Type de médiation : sans médiation

Type de support : Brochure

Titre(s) : Rapid, Accurate Analysis of Blood Lactate / USAF School of Aerospace Medicine, Aerospace Medical Division (AFSC), Brooks Air Force Base, Texas ; [prepared by James P. Ellis, Jr,... Stephen M. Cain,... Edgar W. Williams,...]

Auteur(s) : Etats-Unis Air Force School of aviation medicine Randolph Field, Tex.

Autre(s) auteur(s) : Ellis, James P. (19..-....) Jr.
Cain, Stephen M. (19..-....)
Williams, Edgar W. (19..-....)

Editeur, producteur : Brooks Air Force Base, Texas : USAF School of Aerospace Medicine, 1963

Description matérielle : 1 vol. (iii-8 p.) ; 27 cm

Collection : Technical documentary report SAM-TDR-63-49

Appartient à la collection : Technical documentary report SAM-TDR-63-49

Note sur la provenance : (BCSSA) Cachet : Office of Naval Research, American Embassy, London

Note sur les bibliographies et les index : Bibliogr., p. 8

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