Extraction Apparatus for Determination of Total Serum Lipids

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Résumé ou extrait : Two designs of glassware useful in measurement of total lipids in serum are described. One permits expulsion of the upper phase but increases requirements for solvent volumes. The other, a modified Erlenmeyer flask, facilitates withdrawal of the lower phase. Chilling the flask for 5 to 10 minutes in a refrigerator or deep freeze shortens the time required for separation of the two phases. Analyses of seven samples by each of three methods in triplicate showed that the modified flask gives results that average 3% higher than results by another method, but precision of both methods is the same. By using only 0.5 ml. of serum, the standard deviation of the results by either method is 2%

Sujet - Nom commun : Lipoprotéines
Sérum sanguin