



## **LipoClear Tubes**

(For Clearing Lipaemic Samples)

### **Quick Instructions for Use**

**This is a Quick Guide only. Please make sure you read the attached LipoClear Product Information/Instructions for Use Sheet carefully before using.**

1. Remove a LipoClear reagent tube from the fridge.
2. Allow the LipoClear to come to room temperature (approx. 10 minutes).
3. Add 0.5ml SERUM to the LipoClear tube. Serum must also be at room temperature. (Serum is the preferred sample but Plasma can be used. – Please see Limitations overleaf).
4. Cap the tube and shake well to mix.
5. Allow to stand at room temperature for 5 minutes.
6. Centrifuge for  
2 minutes at 10,000 x G in a high speed micro centrifuge  
or 20 minutes at 2,000 x G in a Routine (low speed) clinical centrifuge  
or for Statspin centrifuges please see product information sheet for details.
7. Separate out the serum from the fatty deposit which should have formed, then run the serum as you would other tests.
8. Multiply results x 1.2 to compensate for dilution with LipoClear.
9. If sample is not completely cleared after treatment, remove the 0.5ml sample volume from the original LipoClear tube to a second LipoClear tube and repeat the procedure. Remember to multiply the results by 1.44 to account for the dual dilution.

**Please see overleaf for Limitations**

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## LIMITATIONS

1. Each analytical system should be verified using normal samples to ensure no interference by this reagent. **See Quality Control section of the LipoClear Product Information/Instructions for Use Sheet.**
2. SERUM is the preferred sample but PLASMA can be used. However, LipoClear **CANNOT** be used to clarify plasma for coagulation testing.
3. LipoClear **CANNOT** be used to clarify specimens requiring lipid testing.
4. LipoClear **CANNOT** be used for the samples requiring estimation of monoclonal gammopathy immunoglobulins.
5. There is a loss of approximately 0.4 to 0.8g/dl protein after LipoClear treatment, due to the loss of lipoproteins.
6. Phosphorus was seen to be spuriously elevated by about 10% on several analytical systems.
7. Some analysers measure electrolytes on undiluted samples. In those instances, the electrolyte results should not be multiplied by 1.2. The user should determine an appropriate correction factor for each electrolyte by comparing normal specimens treated with LipoClear vs. untreated. **See Quality Control section of the LipoClear Product Information/Instructions for Use Sheet.**

**If you have any queries or problems using this product please call  
our Technical Help Line: 01798 874871**