



CataKlear™ - Lipid clearing agent – Catalog number CLR-525

CataKlear is a colloidal nanoparticle suspension of carefully sized silicone oxides, various surfactants and buffering components.

Lipid components in serum are released through the activity of the surfactants and attach to the silicone oxide nano-particles. On centrifugation these lipids are forced to the bottom of the centrifuge tube leaving a lipid free layer of serum.

50 µL of CataKlear is usually sufficient to clear 1 mL of serum containing a noticeable amount of lipid. (i.e. visibly turbid)  
Larger amounts of CataKlear can be used for heavily turbid samples. Results should be adjusted for the volume of CataKlear used, i.e. in the case of 50 µL into 1 mL of serum, results multiplied by 1.05.

### **Method of use:**

Add 50µL of CataKlear to 1 ml serum  
Mix and let stand for 10 minutes at Room Temperature  
Centrifuge at 1,500 x g for 15 minutes  
Collect Serum



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