



**CataKlear™** - Lipid Clearing Agent – Catalog number CLR-525 –  
Size 1 x 12.5 mL

CataKlear is a colloidal nanoparticle suspension of silicone dioxide, various surfactants and buffering components.

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

50  $\mu$ L of CataKlear is usually sufficient to clear 1 mL of serum containing a noticeable amount of lipid. (i.e. visibly turbid samples.)

Due to the small amounts usually required it is unnecessary to compensate for the dilution effect of CataKlear. If a larger volume is required to deal with higher concentrations of lipid then this should be accounted for in the calculation of results.

**Method of use:**

Add 50  $\mu$ L of CataKlear to 1 mL of serum  
Mix and let stand for 10 minutes at Room Temperature  
Centrifuge at 1,500 x g for 15 minutes  
Collect serum from upper layer