



## BIOTECH SUPPORT GROUP

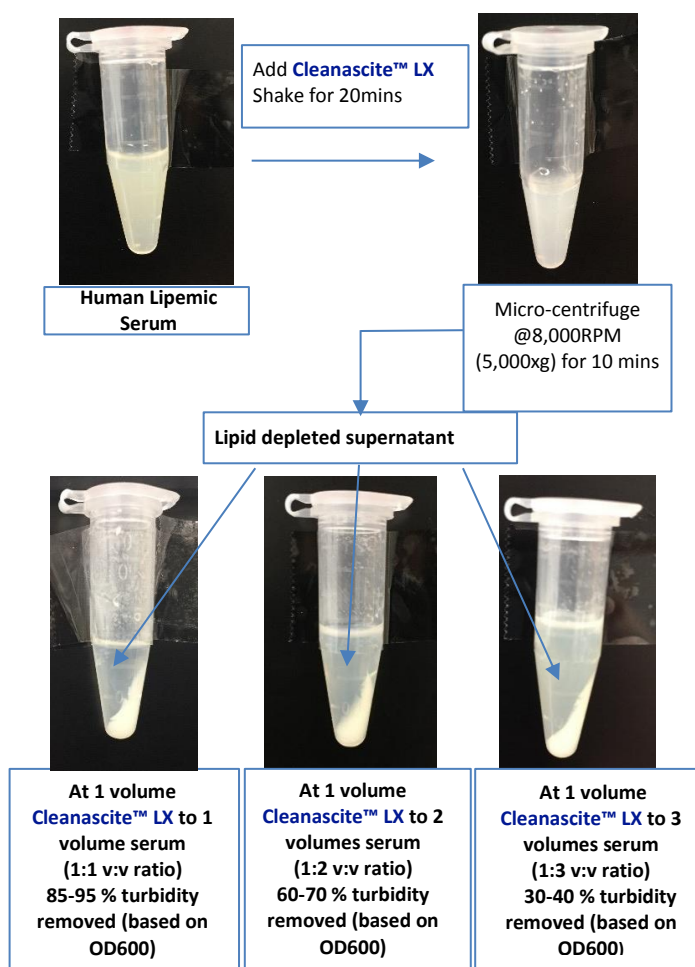
# Cleanascite™ LX

### For Lipemic Serum/Plasma Clarification

- Effectively replaces chlorinated/fluorinated hydrocarbons (eg. freon)
- Based on solid-phase referenced in over 70 publications in varied applications
- Under investigation as alternative to LipoClear for lipemic serum/plasma

## Protocol

**Cleanascite™ LX** is supplied as an aqueous suspension of non-ionic adsorbent in DI water, pH 8.0. After centrifugation, the pellet is 1/2 of the total volume and the supernatant is 1/2 of the total volume.



All non-lipemic samples measured on Beckman Coulter AU680, Average from 3 independent serum samples

Volume ratio used was 1 volume Cleanascite LX to 2 volumes of serum

Due to competition on the beads, total analyte recoveries from lipemic serum are expected

**% Variance from neat serum**

ALB	-2%
ALP	-2%
ALT	0%
AST	-5%
CO2	-5%
TBIL	0%
CALA	-8%
CRE	-11%
GLU	-2%
TP	-8%
BUN	-3%
NA	1%
K	-2%
CL	2%

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Volume Ratio, Cleanascite <sup>™</sup> LX : Sample	Dilution Factor
1:1	1.50
1:2	1.25
1:3	1.17

Cleanascite <sup>™</sup> LX Item #	Size
LX155-5	5 ml
LX155-10	10 ml

Supplied as an aqueous suspension of non-ionic adsorbent in DI water, pH 8.0. When not in use, keep sealed. For best results store at 4°C. Do not freeze. **Cleanascite<sup>™</sup>** retains full activity when stored as directed for at least 6 months.

### Protocol

Lipid types and amounts can vary greatly, so the ratios shown are only intended to provide general guidance.

1. Resuspend **Cleanascite<sup>™</sup> LX** by gentle shaking. Excessive shaking may cause foaming. It should be completely resuspended prior to use.
2. Add **Cleanascite<sup>™</sup> LX** to the sample at minimum 1:3 (or alternative higher, up to 1:1) ratio. Mix the sample by gentle shaking for 20 minutes.
3. Micro-centrifuge sample at 8,000 rpm's (5,000xg) for 10 minutes.
4. Carefully aspirate supernatant for analysis.

**Optimization.** Different sample volumes are easily scaled. Volume ratio can be adjusted up or down as required to remove the amount of impurities present.

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## CONTACT US

**We welcome your questions and comments regarding our products.**

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