



BIOTECH SUPPORT GROUP

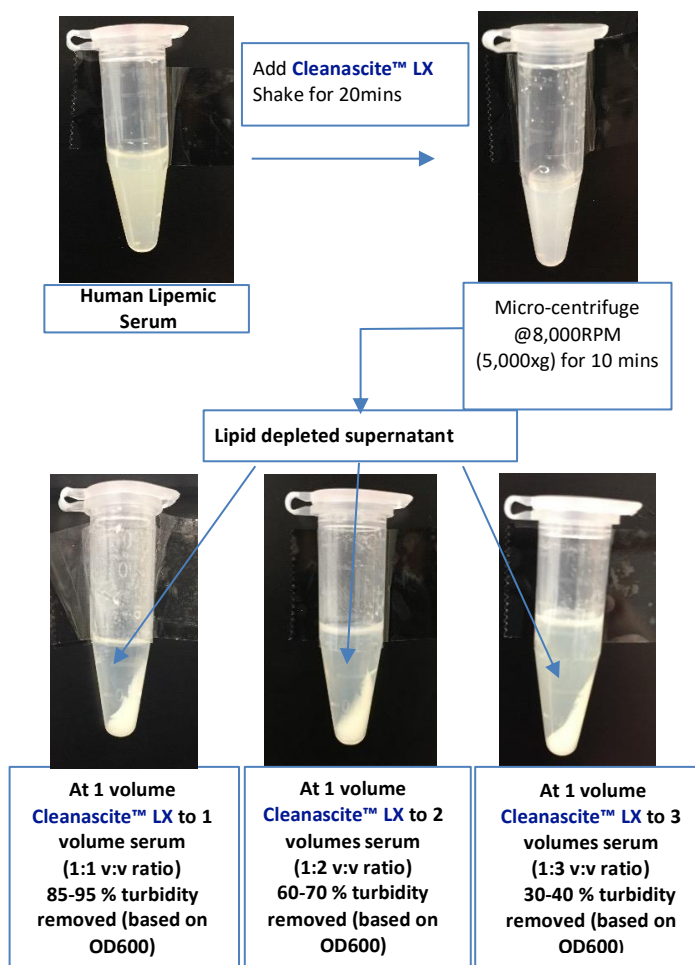
Cleanascite™ LX

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™ LX : Sample	Dilution Factor
1:1	2.0
1:2	1.5
1:3	1.33

Cleanascite™ 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™** 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™ LX** by gentle shaking. Excessive shaking may cause foaming. It should be completely resuspended prior to use.
2. Add **Cleanascite™ 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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