
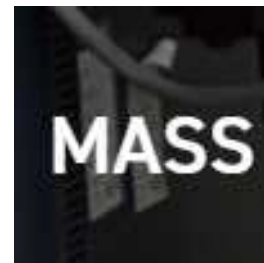


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 H_QTof_PL_v2 V.2

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We use this protocol and it's working

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Abstract

To extract plasma lipids for LCMS analysis.

Guidelines

Use glassware throughout this protocol.

Materials

Fishers 3 ml glass tube

Glass tube cap

Glass pipette tips




Regular pipette tips for plasma only.

Before start

Use LCMS grade water and solvents.



To extract plasma lipids for LCMS study

- 1 *Transfer plasma 50 ul (regular pipette tips) into a 3 ml glass tube*
- 2 *Add 200 ul of LCMS grade-chloroform/methanol (2:1)*
- 3 *Stand for 5 min at room temperature.*
- 4 *Vortex for 1 min*
- 5 *Centrifuge 12,000 g, for 5 min at 4c* 
- 6 *Use glass pipette tips to collect the lower organic phase and transfer the liquid to a new glass tube.* 
- 7 *Repeat steps 2-5*
- 8 *Use glass pipette tips to collect the lower organic phase and transfer the same tube in step 6.*
- 9 *Evaporate the extracted solvents to dryness* 
- 10 *Cap the tube, store at -20oC*
- 11 *Deliver the sample to mass spec core.* 