

Lipid extraction

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Adapted from Bensheng's protocol
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Lipid Extraction Protocol

*Last modified Aug 4, 2010
Part adopted from Bensheng Liu's lipid extraction protocol*

1. Mix up extraction solvent and extraction buffer in 2:1 ratio in glass vial. Reconstitute lyophilized plant extract this mixed buffer. Vortex.
2. Centrifuge at 2000x for 5min.
3. Carefully withdraw the lower phase and transfer to a new glass vial on ice. Store in -20.

Materials

Extraction solvent

Mix up methanol, chloroform and formic acid in 2:1:0.1 ratio in a glass vial.

Extraction buffer

1M potassium chloride (KCl)
0.2M phosphoric acid (H₃PO₄)