

Flocculation of Qdot® ITK™ Organic Quantum Dots from Decane

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PLEASE READ ENTIRE PROTOCOL BEFORE STARTING.

Additional information can be obtained from the product page on our website at www.invitrogen.com.

Materials Required

Qdot® ITK™ Organic Quantum Dots
75/25 Methanol/Isopropanol Mixture
Organic Solvent of choice

Procedure

Flocculation

1. Add a 4X volume of the 75/25 Methanol/Isopropanol mixture to a 1X volume of organic quantum dots.
2. Mix well and place in a sealable centrifuge tube, seal and centrifuge for 3 – 5 minutes at 3000 rpm
3. Discard the supernatant and re-disperse the pellet in the chosen organic solvent

Precaution

Because the methanol/isopropanol mixture is flammable, the centrifuge tubes must be sealed throughout the centrifugation step.