

Stock Solution



TD-S Revision 2.0

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Preparation of 1 mg/ml Gibberellic Acid 3 Stock Solution

Quick-Dissolve™ Gibberellic Acid 3 is a special formulation developed at GoldBio that dissolves more easily in water than standard Gibberellic Acid. In our lab, KOH is not required to drive the Quick-Dissolve™ Gibberellic Acid into solution.

Instructions

1. Add 100 mg of [Gibberellic Acid 3 Quick-Dissolve™ \(GoldBio Catalog # G-120\)](#) to a 250 mL beaker.
2. Add 100 ml of molecular biology grade water and stir until dissolved to make a final concentration of 1 mg/ml (1000 ppm).
3. The concentration of Gibberellic Acid to use will vary depending upon the experiment and will generally range from 0.1 mg/ml to 1 mg/ml. You should perform pilot tests to determine the optimal concentration of Gibberellic Acid to use in your system.
4. **It is best to use this solution fresh!** However, some literature indicates that a stock solution of Gibberellic Acid can be stored in the dark at 4°C. We have also seen labs that store the Gibberellic Acid solution at -20°C with no observed degradation of the product.

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