EDTA disodium salt dihydrate

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Abstract

For use in DNase I Treatment protocol for DNase inactivation.

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Guidelines

Note: EDTA tetrasodium salt dihydrate is somewhat more soluble and can be made more easily to 1.5M. FW is slightly more so weigh out 3.80 g and follow directions above.

Protocol

Step 1.
Weigh out 3.72 g EDTA and place in 5 ml molecular biology grade water.

Step 2.
Add a few NaOH pellets to get to pH 9 and dissolve EDTA (can warm to 45°C with stirring to aid in dissolution).

Step 3.
Measure volume and determine molarity: 1M = 3.72g/10 ml, therefore, measured volume/10 ml = final molarity.