

**SATO LEAD (100ML)
POST STAINING SOLUTION FOR EM**

Boil DDH₂O for 10-20 minutes.

Weigh out the following:

Lead Nitrate 1.0 grams
Lead Citrate 1.0 grams
Lead Acetate 1.0 grams
Sodium Citrate 2.0 grams

Place compounds in clean Erlenmeyer flask. Add 82.0 ml of DDH₂O which has just been boiled to flask. Cover mouth of flask with parafilm. Sonicate for 2 hrs. Gently agitate flask every 20 minutes to resuspend lead compounds.

Make 20ml of 1N NaOH = 0.80gram NaOH/20ml of boiled DDH₂O.

After sonication, add 18ml of 1N NaOH to lead solution.

Wrap flask in aluminium foil and let sit overnight.

Next morning pour out Sato lead solution into small screw cap vials. Pour solution to the top to limit air in a vial. Cover mouth of vials with parafilm before placing screw caps back on.