

Materials List for:

High-throughput Siderophore Screening from Environmental Samples: Plant Tissues, Bulk Soils, and Rhizosphere Soils

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Materials

| Name | Company | Catalog Number | Comments |
|--|-----------------------|----------------|----------|
| Agarose | Apex | LF451320014 | |
| Aluminum Baking Pan | | | |
| Aluminum Foil | | | |
| Ammonium chloride, granular | Fisher Scientific | 152315A | |
| Autoclave and Sterilizer | Thermo Scientific | | |
| Calcium chloride dihydrate | Fisher Scientific | 171428 | |
| CAS (Chrome Azurol S) | Chem-Impex Int'l Inc) | 000331-27168 | |
| Dextrose Monohydrate (glucose), crystalline powder | Fisher Scientific | 1521754 | |
| EDTA, disodium salt, dihydrate, Crystal | J.T.Baker | J12476 | |
| Glycerol, Anhydrous | Baker Analyzed | C22634 | |
| HDTMA (Cetyltrimethylammomonium Bromide | Reagent World | FZ0941 | |
| Hydrochloride acid | ACROS Organic | B0756767 | |
| Infinite M200 PRO plate reader | TECAN | | |
| Iron (III) chloride hexahydrate, 99% | ACROS Organic | A0342179 | |
| Laboratory Fume Hood | Thermo Scientific | | |
| Laboratory Incubator | VWR Scientific | | |
| Magnesium Sulfate | Fisher Scientific | 27855 | |
| Niric Acid, (69-70)% | J.T.Baker | 72287 | |
| PIPES buffer, 98.5% | ACROS Organic | A0338723 | |
| Potassium phosphate, dibasic, powder | J.T.Baker | J48594 | |
| Pyoverdine | SIGMA-ALDRICH | 078M4094V | |
| Sand | | | |
| SI-600R Shaker | Lab Companion | | |
| Sodium chloride, granular | Fisher Scientific | 136539 | |
| Sodium hydroxide, pellets | J.T.Baker | G48K53 | |
| Sodium phosphate, dibasic heptahydrate, 99% | ACROS Organic | A0371705 | |