**Bacterial sample preparation**

Species: *Escherichia Coli*

Required equipment:

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| Incubator |
| Water bath machine |
| Test tubes |
| Plastic plates |
| Micro pipet |
| Tips |
| Refrigerator (-20) |

Required chemicals:

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| Pure distilled water |
| LB Broth medium (10g/L Tryptone, 10g/L NaCl, 5g/L Yeast Extract) |
| Agar |
|  |

Incubation temperature: 37

Incubation time: 16-18 hours within the slightly tilting test tubes shaking

Growth medium: LB broth (Miller)

(10g/L Tryptone, 10g/L NaCl, 5g/L Yeast Extract, Adjust pH to 7.0 with NaOH)

NEB local distributor in Abu Dhabi (Provide E.coli)

<http://www.alnawras.ae/contact.html>

Sigma-Aldrich local provider (Provide Chemicals or Kits or LB broth)

<http://www.labcoltd.com/>

Qiagen local provider (Provide kits)

<http://www.almazrouimedical.ae/contact-us>

http://www.qiagen.com/ae/about-us/contact/global-contacts/distributors-and-importers/

**Possible equipment providers in Masdar**

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