**Materials List for:**

# Toxin Induction and Protein Extraction from *Fusarium spp.* Cultures for Proteomic Studies

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## Materials

**Media and solutions**

PDA: 39 g Potato Dextrose Agar (Difco); 1 L distilled water.
V8 agar: 200 ml V8 (campbell's, USA), 2g CaCO3 (Sigma), 16g Agar (DIFCO), 800 ml distilled water

Toxin inducing media: 1g $K_2HPO_4$, 0.5g KCl, 0.5g $MgSO_4$ $7H_2O$, 10 mg FeEDTA, 2g L glutamic acid, 10g sucrose in 1L of distilled water.

Lysis Buffer:

| | 100mL | Final concentration | |
|---|---|---|---|
| Tris-HCL pH8 | 5mL | 50mM | 1M |
| SDS | 2g or 10mL | 2% | 20% |
| DTT | 500mL | 10mM | 2M |
| EDTA | 20mL | 0.1mM | 0.5M |
| PMSF | 200mL | | |
| Complete mini protease inhibitor | 1 tablet | | |
| Water | Qsp | | |

Precipitation Buffer:

| | 100mL | Final concentration |
|---|---|---|
| TCA | 20mL | 20% |
| DTT | 0.1mL | 0.1% |
| Aceton | Qsp | |

Washing Buffer:

| | 100mL | Final concentration |
|---|---|---|
| DTT | 0.1mL | 0.1% |
| Aceton | 100mL | |

Labelling Buffer (store at -18°C in small aliquots):

| | 1mL | Final concentration |
|---|---|---|
| Urea | 140 mg | 7M |
| Thiourea | 50 mg | 2M |
| CHAPS | 40 mg | 4% |
| Tris | 30 µL | 30 mM |
| Water | 1 mL | |