



YPD Agar

LAB 176

Description

A nutritious medium used as an alternative to YPD Broth, where a solid base is required. Glucose is included to promote rapid growth.

| Formula | g/litre |
|---------------|---------|
| Tryptone | 20.0 |
| Yeast extract | 10.0 |
| Glucose | 20.0 |
| Agar | 17.0 |

Method for reconstitution

Weigh 67.0 grams of powder and disperse in 1 litre of deionised water. Allow the mixture to soak for 10 minutes, swirl to mix and sterilise by autoclaving at 121°C for 15 minutes. Cool to 47°C and add filter sterilised antibiotic as required. Pour into sterile Petri dishes and allow to set. Dry the surface prior to inoculation.

Appearance: Dark straw, clear liquid.

pH: 6.5 ± 0.2

Minimum QC organisms: *Saccharomyces cerevisiae*

Inoculation: Surface; either spread over entire surface for colony count or streaking for single colonies.

Incubation: 37°C aerobically for 16-18 hours.

Interpretation: Yeasts will grow as cream colonies, size dependent upon inoculum density.