

Yeast Extract Peptone Dextrose (YPD) Broth



Medium used for maintaining and propagating yeasts in molecular microbiology procedures.

• CONTENTS (Liter)

Yeast Extract	10.0 g
Peptone	20.0 g
Dextrose	20.0 g
Final pH = 6.5 ± 0.2 at 25°C.	

• PROCEDURE

Suspend 50.0 G of powder in 1 L of distilled or deionized water. Heat to boiling until completely dissolved. Sterilize by autoclave at 121°C for 15 minutes. Cool to 45-50°C in water bath. Dispense in tubes.

• INTERPRETATION

Yeast Extract Peptone Dextrose (YPD) Broth is a medium used for maintaining and propagating yeasts in molecular microbiology procedures. Peptone is a source of carbon, nitrogen and essential nutrients. Yeast extract provides vitamins. Dextrose provides carbohydrates.

• TECHNIC

Inoculate the specimen with stab using a sterile needle to the medium. Shake gently for spreading microorganism. Incubate at 25 ± 2 °C for 42 - 48 hours. Refer appropriate references for recommended test procedure.

• QUALITY CONTROL FOR USE

Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: beige.

Prepared medium

Appearance: slightly opalescent.

Color: light amber.

Incubation conditions: 25 ± 2 °C / 42 - 48 hours

Microorganism	ATCC	Inoculum CFU	Growth
<i>Saccharomyces cerevisiae</i>	76625	50-100	good

• STORE

The powder is very hygroscopic. Store the powder at room temperature, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident. Store prepared medium at 2-8°C.

• REFERENCES

1. Ausubel, Brent, Kingston, Moore, Seidman, Smith and Struhl. 1994. Current protocols in molecular biology, Current Protocols, Brooklyn, N.Y.

• PACKAGE

Cat. No : MB-Y0617 Yeast Extract Peptone Dextrose (YPD) Broth	500 G
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• MICROBIAL CULTURE IMAGES



None

*Saccharomyces
cerevisiae*
ATCC 76625

Incubation conditions : 25±2°C 48h