



Make liquid Superbroth for bacteria

Cancer Research UK / Wellcome Gurdon Institute media kitchen¹

¹Cancer Research UK / Wellcome Gurdon Institute

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Working



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ABSTRACT

Prepare Superbroth.

Superbroth is a liquid medium to feed bacteria.

MATERIALS

| NAME ▾ | CATALOG # ▾ | VENDOR ▾ |
|---|----------------------|-----------------------------------|
| double distilled water (ddH ₂ O) | | |
| SYCHEM autoclave | View | Syschem |
| Glycerol 99 % Certified AR for Analysis Fisher Chemical | G/0650/17 | Fisher Scientific |
| bacto tryptone | View | |
| Yeast extract | View | |

SAFETY WARNINGS

Make sure you know how to use the autoclave before starting this protocol.

1 Superbroth(5.4L).xls

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| Ingredients | | | Quantity |
|-----------------------------------|--|-----------|----------|
| Bacto-tryptone | | 72g | |
| Yeast Extract | | 144g | |
| Glycerol | | | 24ml |
| Double distilled H ₂ O | | upto 5.4L | |

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| |
|---|
| Before starting ensure six 1L bottles have been sterilised. |
| Fill a 5.4L bell jar with 3 litres of double distilled H ₂ O. and mark off. Then |

Dissolve all the ingredients and then make up to the 5.4L mark with double distilled H₂O.

Dispense 900ml into six sterile 1L bottles.
Label, date and autoclave.



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