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Version 2

Make liquid Superbroth for bacteria V.2

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Cancer Research UK / Wellcome Gurdon Institute media kitchen¹

¹Wellcome Trust / Cancer Research UK Gurdon Institute



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Protocol status: Working

We use this protocol and it's working

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Abstract

Prepare Superbroth.

Superbroth is a liquid medium to feed bacteria.

Materials

MATERIALS

☒ double distilled water (ddH₂O)

☒ SYCHEM autoclave **Syschem**

☒ Glycerol 99 % Certified AR for Analysis Fisher Chemical **Fisher Scientific Catalog #G/0650/17**

☒ Yeast extract powder **Formedium Catalog #YEA02**

☒ Bacto™ Tryptone Life Technologies **VWR International (Avantor) Catalog #211705**


Troubleshooting

Safety warnings

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



1

 Superbroth(5.4L).xls

2

	Ingredients			Quantity
	Bacto-tryptone		72g	
	Yeast Extract		144g	
	Glycerol			24ml
	Double distilled H2O		upto 5.4L	

3

	Before starting ensure six 1L bottles have been sterilised.
	Fill a 5.4L bell jar with 3 litres of double distilled H2O. 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.