

# COLECCIÓN ESPAÑOLA DE CULTIVOS TIPO (CECT)



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## PYG MEDIUM (modified). CECT 213

- Trypticase peptone 5.00 g
- Peptone 5.00 g
- Yeast extract 10.00 g
- Beef extract 5.00 g
- Glucose 5.00 g
- $K_2HPO_4$  2.00 g
- Tween 80 1.00 ml
- Resazurin 1.00 mg
- Salt solution (see below) 40.00 ml
- Distilled water 950 ml
- Haemin solution (see below) 10.00 ml
- Vitamin  $K_1$  solution (see below) 0.20 ml
- Cysteine-HCl x  $H_2O$  0.50 g

The vitamin  $K_1$ , haemin solution and cysteine are added after the medium has been boiled and cooled under  $N_2$ . Adjust pH to 7.2 using 8N NaOH. Distribute under  $N_2$  and autoclave.

For solid medium add 15 g of agar powder.

Salt solution:

- $CaCl_2 \times 2H_2O$  0.25 g
- $MgSO_4 \times 7H_2O$  0.50 g
- $K_2HPO_4$  1.00 g
- $KH_2PO_4$  1.00 g
- $NaHCO_3$  10.00 g
- NaCl 2.00 g
- Distilled water 1L

Haemin solution:

50 mg haemin dissolved in 1ml 1N NaOH.

Make up to 100 ml with distilled water.

Store refrigerated.

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Vitamin K<sub>1</sub> solution:

Dissolve 0.10 ml of vitamin K<sub>1</sub> in 20 ml 95% ethanol and filter sterilize.

Store refrigerated in a brown bottle.

