

PYCa Media

PYCa, peptone yeast calcium agar, is a general purpose medium, which can be used readily for most species of these bacterial genera (Petrovski et. al. 2011).

For 1L PYCa broth add:

- 1.0g Yeast extract
- 15g Peptone
- 2.5mL 40% Dextrose

For PYCa agar, add 15 g Bacto Agar to 1 L prior to autoclaving.

For PYCa top agar, add 7g Bacto agar to 1 L prior to autoclaving.

After autoclaving add 4.5ml 1M CaCl₂ .

- Anti-bubble can be added to the agar preparations to avoid bubble formation (desirable).
- CHX can be added to minimize fungal contamination.
- Other antibiotics can be tested for each organism. See organism fact sheets for specific information.