

**Recipe for BYTA (buffered yeast extract tryptone acetate) medium:**

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1% yeast extract

2% bactotryptone

1% potassium acetate

50mM potassium phthalate

Autoclave for 30 minutes

Notes:

- 1) Cells tend to grow to about double the OD than in unbuffered medium. This is not a problem.
- 2) The media can go bad over time. Store media in the dark and do not store longer than 2-3 months to avoid any possible problems.
- 3) For larger culture volumes (100ml+) you may want to wash at least twice with water to get rid of all the buffer before resuspending them in SPO. For smaller cultures one wash is enough. We sporulate SK1 cells in 0.3% KAc.