Culture of CH12-LX murine cell lines

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Obtaining cell lines:
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Mouse erythroleukemia CH12-LX, derived from a B-cell lymphoma, are rapidly dividing murine cell lines that are maintained in suspension cultures and grow as loose clumps. Cells should be maintained at 37ºC with 5% CO_2 at a density between $1x10^5$ and $1x10^6$ cells/mL. Cultures should be split 1:8-10 ~every two days to maintain this concentration.

CH12-LX growth medium: 10% HI-FBS(heat-inactivated),1% Pen-strep(Penicillin and Streptomycin), RPMI 1640 with L-Glutamine, 1x10^-5M B-ME;
CH12-LX freezing medium: 90% HI-FBS, 10% fresh DMSO, freeze at a concentration of $1X10^7$ cells/ml.

Starting cultures from frozen stocks:

1. Thaw cell vials at 37ºC.
2. Add to 15mL tube with 10 ml fresh growth medium, centrifuge 1500 rpm/ 3min., and discard supernatant.
3. Resuspend cells in 10ml fresh growth medium, add to small flask and incubate in 5% CO_2/37ºC.
4. Cells can normally be split ~1:8 after 2 days and maintained as described above.