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## protein extraction from cell pallets



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**Protocol status:** Working

We use this protocol and it's working



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## Abstract

Use LDS buffer to extract protein from cell pallets

## Troubleshooting



- 1 Make 1X LDS buffer. In 40mL of 1X buffer, add Tris HCl 0.666g, Tris base 0.682g, LDS 0.8g, EDTA 0.006g, Glycerol 4g.
- 2 make 1M DTT stock solution in LC/MS water.
- 3 Add 200~500uL of 10mM DTT in 1X LDS buffer to the cell pallet tube.
- 4 Heat sample up at 95°C for 20 minutes.
- 5 Cool down the sample to room temrature. Meanwhile, make a 0.5M iodoacetamide stock solution.
- 6 Add IAM to 50mM/60mM in the sample, incubate in dark for 30-60minutes.
- 7 Add DTT to 50mM/60mM. Sampe is ready to continue with FASP.