Jan 25, 2022

protein extraction from cell pallets

protein extraction from cell pallets

Jacob Waldbauer[1], Lichun Zhang[1], Jacob Waldbauer[1], Lichun Zhang[1]

[1]University of Chicago

dx.doi.org/10.17504/protocols.io.b4btqsnn

Lichun Zhang

Use LDS buffer to extract protein from cell palllets

DOI

dx.doi.org/10.17504/protocols.io.b4btqsnn

Jacob Waldbauer, Lichun Zhang, Jacob Waldbauer, Lichun Zhang 2022. protein extraction from cell pallets. **protocols.io** https://dx.doi.org/10.17504/protocols.io.b4btqsnn

protein extraction from cell pallets, Lichun Zhang

protocol ,

Jan 25, 2022

Jan 25, 2022

57427

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 95ºC 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.

Citation: Jacob Waldbauer, Lichun Zhang, Jacob Waldbauer, Lichun Zhang protein extraction from cell pallets
https://dx.doi.org/10.17504/protocols.io.b4btqsnn