

Sucrose gradient method

REAP method

Procedure and Time Needed

Harvest & resuspend cells 30 sec.



Homogenize 3 min.



Underlay 40% sucrose 1 min.



Centrifuge 15 min.



Resuspend pelleted nuclei 30 sec.

20 min.

Harvest & resuspend cells in 0.1% NP40-PBS 30 sec.



Centrifuge 10 sec.



Wash 30 sec.



Centrifuge 10 sec.



Resuspend pelleted nuclei 30 sec.

1.3 min.

Special Reagents

Sucrose

0.1% NP40

Special Equipment

Refrigerated centrifuge
Homogenizer

Table top centrifuge