

PSR IP-bead extraction

08/17/11

Reagents

diH₂O

1% SDS (sodium dodecyl sulfate)

*Volumes can be varied based on the amount of beads present. However the final SDS concentration needs to be kept below 10% for the subsequent gel run-in. Our standard gel lane holds up to 30ul of liquid; meaning a maximum of 300ul of 1% SDS can be used for extraction.

Method

Add 150ul of 1% SDS to the beads.

Vortex and put on the shaker for 5 minutes.

Spin at 4000rpm for 5 min to pellet beads.

Pull off the supernatant and store in another vial.

Add 150ul of diH₂O to the beads.

Vortex and put on the shaker for 5 minutes.

Spin at 4000rpm for 5 min to pellet beads.

Pull off the supernatant and store with the previous pull-off.

Take the collection of supernatants and filter through a 0.45 micron spin filter. Spin at 4000rpm for 5 min.

Take the samples to dryness in a Speed-Vac and save for gel run-in.