

DNA/ RNA binding protein isolation



Before starting please read the entire protocol.

Products

- Bio-Adembeads Streptavidin
- or MasterBeads Streptavidin
- SSC Buffer 20X
- Biotinylated probe



Equipment

- Magnet
- Microtubes



1-Biotinylated probe immobilisation



- Transfer **20µl (100µg) of Bio-Adembeads Streptavidin** to a microtube 1.5ml
- Place the tube on the magnet until supernatant clearing and discard the supernatant.
- Resuspend the beads in **100µl of SSC Buffer 0.1X**
- Place the tube on the magnet until supernatant clearing and discard the supernatant.
- Resuspend the beads in **50µl of a solution** containing **1-20pmol biotinylated probes**
- **Incubate 5 min at RT**

2-Protein capture



- Place the tube on the magnet until supernatant clearing and discard the supernatant.
- Resuspend the beads in **50µl or 100µl of a solution*** containing the protein
- **Incubate 20 min at RT**

* The choice of the binding buffer depends on the protein

Procedure

- Protein analysis by Western Blot