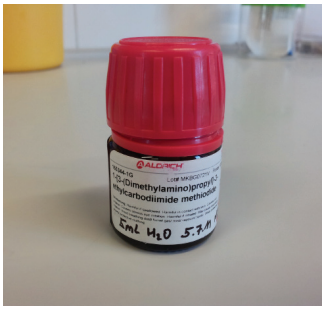
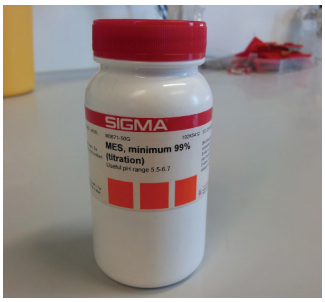
# BEADCOATING PROTOCOL

- $10^7$ particles
- 1 ml 0.1 N MES-Buffer (pH5)
- 2.5 mg EDC (1-Ethyl-3-(3-dimethylaminopropyl)carbodiimid)
- 50 µg protein (e.g. fibronectin)
- 1% BSA for blocking (100 mg in 10ml PBS)



**EDC** (1-Ethyl-3-(3-dimethylaminopropyl) carbodiimid)
Stock: 0.2 g/ml




**MES-Buffer**

## Protocol:

Wash $10^7$ beads in MES-Buffer.

Centrifuge and remove the supernatant carefully.

Resuspend the beads in 500µl MES-Buffer and add 12.5µl of the EDC solution.

Vortex it and ceep it cold on ice.

Mix 50µg protein with 500µl MES-Buffer (cold).

Carefully pipette the protein mixture in the bead solution and vortex it afterwards.

Rotate at 4° and a mix of 1400 over night or longer.

Centrifuge and remove the supernatant carefully.

Add 1ml of 1% BSA solution and store at 4 °C.