

## Test Sample for 2D Demos

E.coli it is a well known sample giving nice 2D patterns, not too difficult to interpret. The extract it is quite easy to make However it should be stored frozen. Shelf life a couple of month.

It could be prepared fresh also.

Lyophilised E.coli strain B. can be bought from Sigma EC11303

Sample solution: 9.5 g urea  
0.8 g CHAPS  
400 ul 3-10 pharmalyte  
0.2 g DTT  
12.8 g dest water

Mix 20 ml sample solution

0.4 g E.coli B (EC 11303)

Freeze and thaw two times centrifuge Or sonicate 5 x 20second pulses centrifuge. Protein conc about 10 mg / ml