

Prehybridisation GAPS II SLIDES

- heating block at 75° C
- 75 ml 1xSSC in humid chamber
- put slides for 15 min spotted side down in humid chamber, cover it, (put on heating block!!) until the spots are shining
- arrays (spots upside) 5 sec on heating block at 75° C

- arrays 60 min at 42° C in Prehybridisation buffer (5xSSC, 50 % Formamide, 0.1 % SDS, 0.1 mg/ml BSA) Thermomixer, shake carefully
- wash arrays 2 x for 2 min in dH₂O at RT (change jars due to SDS)
- boil dH₂O in Micro wave, place arrays for 2 min into hot water
- 1 min 2-propanol at RT
- dry arrays in centrifuge: 5 min, RT, 700 rpm

Prehyb.buffer: 500 ml

125 ml 20x SSC
 250 ml Formamide
 5 ml SDS 10 %
 120 ml dH₂O
 50 mg BSA

1000 ml

250 ml
 500 ml
 10 ml
 240 ml
 100 mg

20x SSC: 1000 ml

175.3 g NaCl
 88.2 g Na-citrat
 800 ml dH₂O
 with 1N HCl to ph=7 (before pH app. 7.59)
 ad 1000 ml

10 % SDS: 100 ml

10 g SDS plus 90 g (= 90 ml) dH₂O

300 ml

30 g SDS plus 270 g (= 270 ml) dH₂O