

Dye - Taq

Stock solution: 10mM Cresol Red

1. 0.202 g Cresol Red (Sigma C 9877)
2. Bring up to 50 ml with milliQ H₂O
3. Autoclave for 25 minutes
4. Store at 4°C

Working solution

1. 20 ml of 10mM Cresol Red
2. 60 g Sucrose
3. 100 ml milliQ H₂O
4. Autoclave for 25 minutes
5. Store at 4°C

The working solution of the dye is used as a replacement for water, so that in the end it constitutes 1/5 total volume of the PCR reaction, or of course the amounts can be recalculated and put straight into the Taq.