

PCR Men1 targeted
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## 1- PCR mix

2,50 µl 10X buffer(Q BIOgene ; 1,5 mM MgCl<sub>2</sub>)  
 0,25 µl dNTP (20 mM total)  
 0,20 µl primer Men1 E3 FL (200 ng/µl)  
 0,20 µl primer Men1 E3 R1 (200 ng/µl)  
 0,20 µl Taq polymerase (Q BIOgene ; 5U/µl)  
 19,65 µl distilled water

## 2- PCR reaction :

23,0 µl mix  
 2,0 µl DNA (200ng/µl)

## 3- PCR program :

5 min	94°C	
30 sec	94°C	
30 sec	55 °C	35 cycles
1 min	72°C	
5 min	72°C	

## 4- Primers:

- Primer Men1 E3 FL            5'GGATTCTGCTCCCCAGGC 3'  
 - Primer Men1 E3 R1            5' CACCTCCATCTTACGGTCG 3'

## 5- Amplification:

wild-type allele : 215 bp  
 mutant allele: 280 bp