

# DNA extraction from FTA Classical Card

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## Abstract

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## Protocol

### Step 1.

Five (5) 1mm disk was punched out from each blood stained FTA® cards using Harris micro-punch and placed in Eppendorf tubes.

### Step 2.

100 mM of Tris-BASE and 0.1% Sodium Dodecyl Sulphate (SDS) was added into each Eppendorf tubes containing the samples discs.

### Step 3.

The tubes were dropped into bath containing water, agitated gently for 30 minutes at 30 oC on a mixer.

### Step 4.

After which, solution was carefully emptied leaving the discs in the tubes.

### Step 5.

0.5 ml of 5M Guanidine thiocyanate was added into each tube and mixed for 10 minutes for second wash.

### Step 6.

After removing as much as possible the guanidine thiocyanate solution, leaving the discs in the tubes. 0.5 ml of distilled water was added into each tube and gently agitated for 10 minutes.

### Step 7.

Another 0.5 ml of distilled water was added again after the removal of the first added distilled water, and left to stand for 10 minutes.

### Step 8.

The last added distilled water was left in the Eppendorf tubes, and used for PCR amplification.

### Step 9.

The tubes, containing the discs and 0.5 ml of distilled water, were dropped in water bath at 90 oC for 10 minutes.

### Step 10.

The last added distilled water was left in the Eppendorf tubes, and used for PCR amplification.