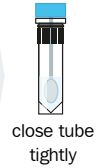
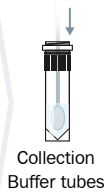
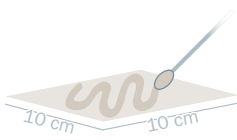
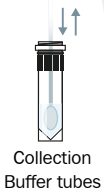




# PROCEDURE - OVERVIEW

## 1. Sample Collection




 20 sec max speed  
 5 min RT

## 2. DNA Extraction

reconstitute Buffer SW1 and SW2 with absolute ethanol  
pre-warm Elution Buffer 70 °C



+ 250  $\mu$ l Starting Buffer

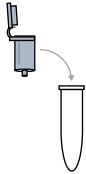
 30 sec max speed




+ 400  $\mu$ l collected sample/  
Starting Buffer mix

+ 400  $\mu$ l Binding Buffer

 20 sec




transfer all (800  $\mu$ l)

 10,000  $\times$  g  
for 1 min

discard flow-through




+ 500  $\mu$ l Buffer SW1

 10,000  $\times$  g  
for 1 min


discard flow-through

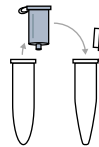


+ 500  $\mu$ l Buffer SW2

 10,000  $\times$  g  
for 1 min

discard flow-through

 10,000  $\times$  g  
for 3 min




change tube



+ 60  $\mu$ l Elution Buffer

 2 min

 8000  $\times$  g  
for 2 min



DNA ready for PCR

+ add  vortex  incubate  centrifuge