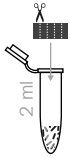
PROCEDURE – OVERVIEW



50 mg food sample
cut and homogenize

+ 500 µl Lysis Buffer C
+ 25 µl Proteinase K
vigorously for 10 sec

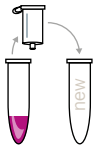
+ 50 °C / 1 – 2 hours
≥ 10,000 × g
for 5 min

transfer 400 µl

+ 200 µl Binding Buffer C
mix vigorously

transfer all (600 µl)

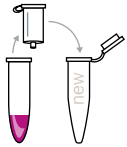
10,000 × g
for 2 min



change
collection tube

+ 700 µl Wash Buffer E
10,000 × g for 1 min
discard flow-through

repeat wash step
+ 700 µl Wash Buffer E
10,000 × g for 1 min
discard flow-through
at max speed for 2 min



+ 50 µl Elution Buffer A
for 1 min RT

6,000 × g
for 1 min

DNA ready for PCR

+ add
vortex
incubate
shake
centrifuge