

PROTOCOL AT A GLANCE

Kylt® RNA / DNA Purification

- The Kylt® RNA / DNA Purification Kit can be stored at room temperature and is stable for 18 months from date of production. Upon opening, store liquid Proteinase K at +2 to +8°C.

NOTES BEFORE STARTING:

- Add 9 ml Isopropanol to the bottle marked "Wash Solution 1" before first use.
- Add 24 ml non-denatured Ethanol $\geq 96\%$ to the bottle marked "Wash Solution 2" before first use.
- When using Kylt® Real-Time RT-PCR Detection products addition of 5 μl Kylt® IC-RNA is necessary (if applicable, for more information see respective manual of Kylt® Real-Time RT-PCR Detection Kit or Reagents). Depending on the used samples the amount of Kylt® IC-RNA per sample can be adjusted based on an internal laboratory validation of the end user in line with the quality management system. Add appropriate amount, e.g. 625 μl , of Kylt® IC-RNA to 25 ml Lysis Solution and store appropriate aliquots at ≤ -18 °C.

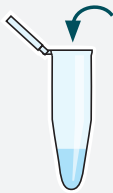
Production: AniCon Labor GmbH | Muehlenstr. 13 | D-49685 Hoeltinghausen | Germany | www.anicon.eu | www.kylt.eu

Kylt® is a registered Trademark

For *in vitro* use only.

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1



200 µl Lysis Solution
+ 200 µl sample
+ 10 µl Proteinase K

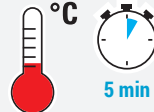
2



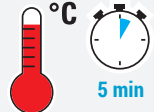
2.1
Vortex 20 s



2.2
Spin down 5 s



2.3
Incubate 5 min
room temperature



2.4
Incubate 5 min
70±2°C

3



3.1
+ 200 µl Ethanol

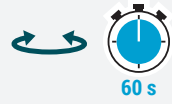
3.2
Vortex 20 s



3.3
Spin down 5 s

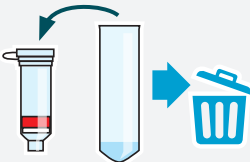


3.4
Transfer to
Kylt® Binding Column

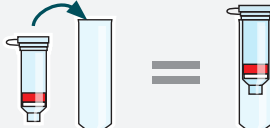


3.5
Spin 10000 g, 60 s

4



4.1
Discard collection tube

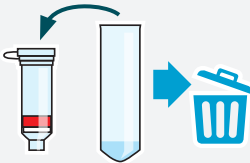


4.2
Place Column on new collection tube
+500 µl **Wash Solution 1**

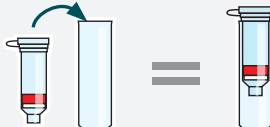


4.3
Spin 10000 g, 60 s

5



5.1
Discard collection tube

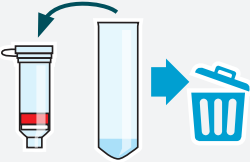


5.2
Place Column on new collection tube
+500 µl **Wash Solution 2**

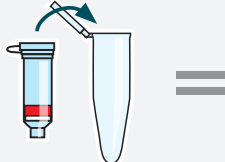


5.3
Spin at **max. speed**,
2 min

6



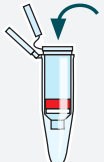
6.1
Discard collection tube



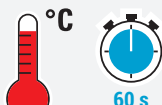
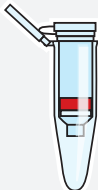
6.2
Place Column on elution tube



6.3
+ 100 µl
Elution Buffer



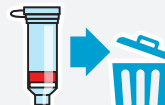
7



7.1
Incubate 60 s **70±2°C**



7.2
Spin at **max. speed**,
60 s



7.3
Discard Kylt® Binding Column
and close elution tube

