

NucleoMag[®] DNA Food– Support Protocol Honey

Protocol details

| Application | DNA from honey |
|---------------|--|
| Kit | NucleoMag [®] DNA Food |
| REF | 744945/1/.4 |
| Protocol name | NucleoMag DNA Food –Support Protocol Honey |



Protocol steps

| Steps | Procedure |
|-------------------|--|
| Homogenize sample | Transfer 1 mL honey into 2 mL tube. Add 900 µL PCR grade water. Vortex sample to homogenize water with honey sample. Approximately 30 sec. Incubate at 55 °C for 15 Min 12000 rpm. |
| Precipitate | Centrifuge at 14.000 x g for 10 min. Discard the supernatant, avoid touching the sides of the tube. <i>Note: Pellet might not be visible but forms at the bottom and on the sides of the tube.</i> |
| Wash pellet | Add 400 µL PCR grade water to the pellet and vortex until the pellet is homogenized Centrifuge 14.000 x g 5 Min. Discard supernatant |
| Lyse sample | Add 20 µL Proteinase K and 380 µL Lysis Buffer CF to the pellet. Resuspend the pellet by pipetting up and down and transfer the sample to a MN Bead Tube Type B. Homogenize the sample in a Bead or Retsch mill (30 Hz. 3 Min). Centrifuge 11.000xg 1 min. Transfer supernatant to a new 1,5 mL Tube. Incubate 55 °C 10 min. |

For **manual procedure** transfer ~400 µL of the supernatant to a new tube or 96-well Plate and continue with step 3 of the NucleoMag DNA Food user manual.

For **automation on KingFisher[®] Flex** transfer ~400 µL of the supernatant to a KingFisher[®] Deep-well Block and follow the instructions of the Protocol Information Nucleo-Mag_DNA_Food_Flex

Additional consumables

| Product | Content | REF |
|---|--|-----------|
| 96-well Accessory Kit A for KingFisher [®] | for 4 x 96 samples including Deep-well Blocks, Elution Plate, Deep-well Tip Comb | 744950 |
| MN Bead Tube Type B | 50x MN Bead Tube Type B containing 40–400 µm glass beads for homogenization | 740812.50 |
| MN Bead Plate Type B | Rack of prefilled tube strips (8 x 12) containing 40–400 µm glass beads for homogenization | 740851.4 |

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