Ivermectin in Honey
Sample Preparation

1. Intended Use
For the detection of Ivermectin in honey

2. Materials and Reagents Required
Deionized or distilled water
Acetonitrile
50 mL Centrifuge tube
Centrifuge
Methanol
Micropipettes with disposable plastic tipsSerological pipettes
Vortex mixer
ABRAXIS® Ivermectin Plate ELISA Kit (PN 5142B)

3. Sample Preparation Procedure
3.1 Heat up honey sample to make it homogenous.
3.2 Weigh 5 g of honey in 50 mL centrifuge tube.
3.3 Add 10 mL of 80% Acetonitrile/Water in the tube.
3.4 Vortex for 2 minutes.
3.5 Shake for 3 minutes by hand for complete extraction of Ivermectin.
3.6 Centrifuge for 5 minutes at 6000 rpm.
3.7 Transfer 1 mL of the supernatant and dry under gentle stream of nitrogen gas untilcomplete dry.
3.8 Add 1 mL of 60% MeOH/Water and reconstitute the dried extract.
3.9 Employ 50 µL per well in ABRAXIS® Ivermectin Plate ELISA Kit.

* Use dilution factor of **1.6** to calculate the concentration of Ivermectin.

4. For ordering or technical assistance contact:
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