

Honey sample preparation for Ivermectin analysis using Eurofins Abraxis ELISA

1. Heat up honey sample to make it homogenous.
2. Weigh 5 g of honey in 50 mL centrifuge tube.
3. Add 10 mL of 80% Acetonitrile/Water in the tube.
4. Vortex for 2 minutes.
5. Shake for 3 minutes by hand for complete extraction of Ivermectin.
6. Centrifuge for 5 minutes at 6000 rpm.
7. Transfer 1 mL of the supernatant and dry under gentle stream of nitrogen gas until complete dry.
8. Add 1 mL of 60% MeOH/Water and reconstitute the dried extract.
9. Employ 50 µL per well in the assay.

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

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