



BFD

Food Safety Innovation

Honey Analysis



ANTIBIOTIC HONEY ANALYSIS

KIT DESCRIPTION	CAT.NO.	ASSAY TIME	SPECIFICITY	KIT SIZE	SAMPLE TYPES	LIMIT OF DETECTION
AOZ FAST	BXEFB41A	45 Mins	2.NP.AOZ 100%	96T	Honey	0.1ppb/0.3ppb (4 plex)
AMOX FAST	BXEFB42A	45 Mins	2.NP.AMOZ 100%	96T	Honey	0.1ppb/0.1ppb (4 plex)
AHD FAST V2	BXEFB43A	45 Mins	2.NP.AHD 100%	96T	Honey	0.5ppb/0.5ppb (4 plex)
SEM FAST V2	BXEFB44A	45 Mins	2.NP.SEM 100%	96T	Honey	0.1ppb/0.1ppb (4 plex)
Streptomycin FAST	BXEFB37A	60 Mins	Streptomycin 100% Dihydrostreptomycin 129%	96T	Honey	5ppb
Multi-Sulfonamide (11 targets)	BXEFT08A	75 Mins	Sulfamethazine 100%; Sulfamethizole >100% Sulfaquinoxaline >100%; Sulfadiazine 100% Sulfamerazine >100%; Sulfamonomethoxine >100% Sulfapyridazine >100%; Sulfathiazole >100% Sulfamethoxazole 92%; Sulfisoxazole 55% Sulfapyridine 34%	96T	Honey	20ppb (Rapid Screen) 3ppb (SPE Screen)
Fluoroquinolones FAST (7 targets)	BXEFB07A	45 Mins	Enrofloxacin 100%; Difloxacin 26% Norfloxacin 100%; Sarafloxacin 20% Ciprofloxacin 90%; Danofloxacin 65% Marbofloxacin 65%	96T	Honey	4ppb
Tylosin	BXEFT13A	50 Mins	Tylosin A 100%	96T	Honey	1ppb
Nitromidazole (Metronidazole)	BXEFB40A	55 Mins	Metronidazole 100%; Dimetridazole >100% Ronidazole <1%	96T	Honey	3ppb
Chloramphenicol Fast	BXEFB03A	45 Mins	Chloramphenicol 100% Chloramphenicol Glucuronide >100%	96T	Honey	0.05ppb

KEY BENEFITS TO BIOREX FOOD DIAGNOSTICS HONEY ANALYSIS

- No expensive analyser required.
- Rapid result time.
- Suitable for high throughput automation.
- Detection limits meet EU regulations.
- Minimal technical expertise required.
- Nitrofurantoin multiplex sample preparation.
- Spiking solution provided.
- Ready-to-use Nitrobenzaldehyde.

HONEY QUALITY *Rapid, easy-to-use and cost effective honey quality tests.*

To determine honey quality measurements, Biorex Food Diagnostics have developed a range of enzymatic tests. These tests offer honey producers the ability to determine not only quality, but also shelf life and ability to hold moisture.

With minimal capital outlay for the Prism 22 instrument and an easy-to-use interface, these tests can be used with very little technique expertise outside a laboratory environment.

KIT DESCRIPTION	CAT. NO.	METHOD	KIT SIZE
Analyst 2010	BIOX2010	Instrumentation	N/A
Glucose / Fructose	BXEFC02C	Colorimetric	50T
Diastase	BXEFC03A	Colorimetric	50T
Diastase	BXEFC03B	Colorimetric	500T
HMF	BXEFC01A	Colorimetric	100T

INSTRUMENTATION & SOFTWARE AVAILABLE

Biorex Food Diagnostics offers a range of instrumentation for honey testing and a full laboratory service with additional training available.

Instrumentation includes:

- Platerreader
- Sample evaporator
- Centrifuge
- Multi-vortexor
- pH meters
- Pipettes
- Prism 22
- Consumables.

Dedicated 4 Parameter curve software is also available for honey analysis. CAT No. BXEFB53A.

CURRENTLY IN DEVELOPMENT

Biorex Food Diagnostics are currently developing multiple tests to detect pesticides in honey, including Imidacloprid, Thiamethoxam, Dinotefuran and Clothianidin & Acetamiprid.

