

RANDOX
FOOD DIAGNOSTICS



Biochip Explained

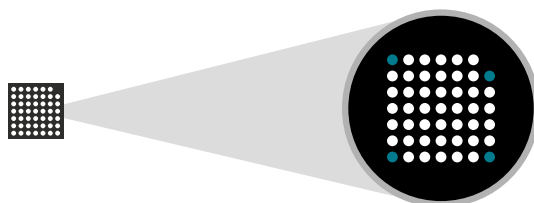


Radox Food Diagnostics

Radox Food Diagnostics has invested over 35 years of development and £220 million into the unique, patented Biochip Array Technology (BAT). Engineered for precision and accuracy, BAT, combined with the Evidence Series analysers, provides the simultaneous detection and quantification of multiple analytes from a single sample.

What is Biochip Array Technology?

Biochip Array Technology is a screening platform that can provide up to 3640 results in 1 hour from a single, undivided sample, saving both time and money compared to other screening methods. The market leading technology uses a 9mm² ceramic chip, comprising of 44 discrete test regions, with the capacity to detect antibiotic, anti-parasitic, anti-inflammatory, growth promoting and mycotoxin residues, simultaneously.



7x7 Biochip surface

44 discrete test regions on each biochip for individual analytes

The Evidence Series

Powered by Biochip Array Technology the Evidence Series of immunoassay analysers allows for simultaneous qualitative or quantitative analysis. Consisting of the Evidence Investigator, Evidence MultiSTAT and Evidence Evolution, this technology ultimately provides a more informed decision on confirmatory analysis required.

References

Quantitative Multi-anthelmintic Drugs Screening In Milk With Biochip Array Technology

Mahoney J, Porter J, McBride A, McConnell RI, Rodríguez ML, Fitzgerald SP
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Comprehensive Multi-analytical Screening Of Contaminants In Raw Cow Milk Using The Infiniplex For Milk Array

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