

Testing for Coccidiostats in poultry with Randox Food Diagnostics.

Antibiotics have been used since the early 1940s, their introduction in veterinary medicine has in many ways revolutionised the industry. The main use of Antibiotics is normally within the treatment of infection as a means for disease prevention. Examples of this could be treating respiratory and enteric infections like coccidiosis in poultry with the use of coccidiostats.

Coccidiosis is a parasitic disease of the intestinal tract. This disease can be spread through poultry by their contact with infected faeces, or the ingestion of infected tissues by other animals. The disease is known to cause economic loss due to mortality from the the cull of birds and lowered production in eggs as a result.

In order to treat coccidiosis, potent antibiotic drugs called coccidiostats are used within veterinary practice, mainly in feed additives. There is an especially high importance of treating chickens for the disease as they are susceptible to at least 11 species of coccidia resulting in a high risk of an outbreak.

With this in mind, many food processors have now implemented rigorous screening methods for the detection of these drug residues and are taking measures to ensure that their end products do not contain traces of coccidiostats. This has created a need for outsourced screening solutions and one company producers are turning to is Randox Food Diagnostics, an innovative leader in drug screening.

Randox Food Diagnostics is dedicated to helping the industry improve global food safety which is why the Evidence Investigator drug residue analyser was developed.

The Investigator uses Biochip Array Technology (BAT), a technology that was developed by Randox, to detect multiple drug residues (up to 45) from a single sample.

Randox Food will be attending the *International Production and Processing Expo (IPPE) in Atlanta, Georgia from January 30th – February 01st 2018* and will be showcasing Biochip array technology and the Evidence Investigator analyser at booth *B8410*.

Randox Food Diagnostics coccidiostats Array for Feed will quantitatively test for 12 analytes including lasalocid, nicarbazin and imidocarb simultaneously. The multiplex technology and simple sample preparation allows the user to save time on testing and on the costs of running individual tests separately. Randox Food also provide a coccidiostats array for Tissue and eggs.

For more information on our coccidiostats arrays and all other meat testing including: growth promoters, synthetic steroids and more please contact us at: info@randoxfooddiagnostics.com

ENDS

About Randox Food Diagnostics

With over 35 years' experience in the diagnostic market, Randox Food Diagnostics continue to transform the landscape of conventional drug residue screening and wine analysis, by developing revolutionary high quality products to improving the global food safety chain. Our versatile range of kits include an extensive list of drug residue ELISAs and biochip arrays, as well as our dedicated enzymatic kits for the wine and beverage markets.

Within Randox Food Diagnostics we offer remarkable tools for the screening of antimicrobials, growth promoting hormones and drugs of abuse in animals and produce. Offering superb limits of detections and simple sample preparations, Randox Food Diagnostics has an extensive and expanding range consisting of 38 ELISA's and 16 multiplex screening platforms. Our comprehensive range and trusted screening solutions are intertwined with continually improving the standards of global food safety.

Contact Randox Public Relations for further information on +44 (0) 28 9445 1016 or email info@randoxfood.com

[| randoxfood.com](http://randoxfood.com)

