

COMING SOON

Sero^x



DETECTION OF MULTIPLE SALMONELLA SEROTYPES IN A RAPID, SINGLE TEST.

PathogenDx, innovators of the D³ (Dynamic Dimensional Detection) Array technology, now supports poultry producers with rapid detection of more than a dozen salmonella serotypes in a single test—with results in a single shift. Sero^x delivers sero-specific gene detection from primary enriched samples and is compatible with liquid handling platforms—supporting your efforts to control pathogen spread and eliminate costly outbreaks.

13 in 1

The serotypes responsible for the vast majority of all harmful Salmonella infections are rapidly identified in one efficient test.



PathogenDx assays include our patented D³ Array comprising of up to 108 probes in triplicate, in a single well, to deliver a new and innovative approach to multiplexed molecular testing. Amplified DNA binding is enabled easily in the 3D cross-linked array architecture. This results in a more flexible, faster, and lower cost test than qPCR or NGS technology.

SERO-SPECIFIC SALMONELLA DETECTION IN A SINGLE SHIFT

Enteritidis	Heidelberg	Braenderup
Typhimurium	Muenchen	Oranienberg
Newport	Saintpaul	Thompson
Javiana	Montevideo	
I 4,[5],12:i:- (Monophasic Typhimurium)	Infantis	



SERO^x ASSAY EFFICIENT LAB WORKFLOW

Primary enrichment / Colony isolate ▶▶ Sample prep ▶▶ Labeling PCR ▶▶ Hybridization ▶▶ Automated Analysis ▶▶ Results

Sero^x



Rapidly detect
Salmonella spp.
and simultaneously
determine select
serotypes

GAIN NEW EFFICIENCIES FOR POULTRY PATHOGEN TESTING.

From food testing to human diagnostics, the D³ (Dynamic Dimensional Detection) Array delivers both the accuracy required to promote public health and the business efficiencies laboratories need to better support the food processing workflow.

With PathogenDx, labs operate at the speed of business, efficiently meeting testing regulations and minimizing re-testing and reducing economic loss. In addition, our assays are easily performed with standard equipment available in most labs.

KEY FEATURES

Sero-specific gene detection from primary enrichment

Compatible with liquid handling platforms

Identify serotypes in a single shift

Lowest cost per sample compared to sequence & antisera based serotyping methods



NEXT-GENERATION TESTING PRECISION AND EASE DELIVERED IN A SINGLE SHIFT

ABOUT PATHOGENDx

PathogenDx is a biotechnology innovator based in Tucson, Arizona, developing diagnostic solutions to address viral, bacterial and fungal infection or contamination. We've reinvented molecular testing to identify pathogens faster and easier, driving greater safety and business optimization. We deliver next-gen arrays for better health and safety—empowering the future of safe.

To learn more about Sero^x, CALL:

800-641-5751

OR

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 PathogenDx