

COMING SOON

Quant^x

• • • Bacterial • • •

 **PathogenDx**

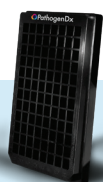
Serving Cannabis testing labs better than ever: Quant^x Bacterial is a semi-quantitative assay combining analysis of four broad class indicators plus species specific detection within each broad class. Quant^x Bacterial delivers unrivaled ease of analysis for labs, expanding your client regulatory offerings (and ROI) with the added benefit of one simple sample prep (automated or manual) across all of your Cannabis testing assays.

One test delivering semi-quantitative analysis* of:

- **Total Aerobic Bacteria** (<1,000 and >100,000)
- **Bile Tolerant Gram Negative Bacteria** (<100 and >1,000)
- **Total Enterobacteriaceae** (<100 and >1,000)
- **Total Coliforms** (<100 and >1,000)

*Quantified in CFU/g and reported as ranges. For example, coliforms (COL) results are reported as either: "Less than 100 CFU/g", "Between 100 and 1,000 CFU/g", or "More than 1,000 CFU/g."

D³ ARRAY TECHNOLOGY



This new addition to the PathogenDx platform is developed upon 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 faster and more flexible test than qPCR or other competing technologies.



EASILY MEET ANY STATE'S REGULATIONS

Quant^x Bacterial dramatically simplifies semi-quantitative analysis, allowing you to meet each state's testing and compliance requirements in one test.

The Hierarchical PCR Design enables identification of Gene, Species, Family, and Kingdom Targets. In addition, each test well contains IPC (Internal Positive Control), allowing for quantification of differential PCR amplification—providing your lab the necessary flexibility for any situation.

QUANT^x BACTERIAL EFFICIENT LAB WORKFLOW

Cannabis Wash ►► Sample prep ►► Loci / Labeling PCR ►► Hybridization ►► Automated Analysis ►► Results



Quant^x

• • • Bacterial • • •

AUTOMATE QUANT^x BACTERIAL SAMPLE PREP WITH OCTA™



PathogenDx adds the option of automated sample prep to its cannabis testing platform, including Detect^x Combined, Quant^x Fungal, and Quant^x Bacterial! Octa™ AutoPrep Station reduces hands-on time, dramatically reduces consumable use via reusable pipette tips, and fast-forwards ROI in any Cannabis testing process.

• ASSAYS • AUTOMATION • SOFTWARE
• SUPPLY CHAIN • SUSTAINABILITY

THE INDUSTRY'S MOST ADAPTABLE CANNABIS TESTING PLATFORM

In states that require both detection of pathogen species and quantitation, Detect^x Combined and Quant^x Bacterial can be run in tandem off a single sample prep. This allows your lab to meet each state's testing regulations while reducing labor costs and minimizing potential waste. With PathogenDx, everything works together seamlessly from testing, to software, to reporting.

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.

KEY FEATURES

The only test providing semi-quantitative analysis of four broad class indicators + species detection

Hierarchical PCR design: Gene, Species, Family, Kingdom targets

Internal Positive Control: Each test well contains IPC, allowing for quantification of differential PCR amplification

One sample prep (automated or manual) for all of your Cannabis assays



To learn more about Quant^x Bacterial, CALL: 800-641-5751

OR

EMAIL: info@pathogendx.com

 **PathogenDx**