Contamination Source Identification®
CSI-Dx™

Tick-Borne Pathogen Detection

419 14th Street
Huntingdon, PA 16652
Tel: (814)-XXX-XXXX

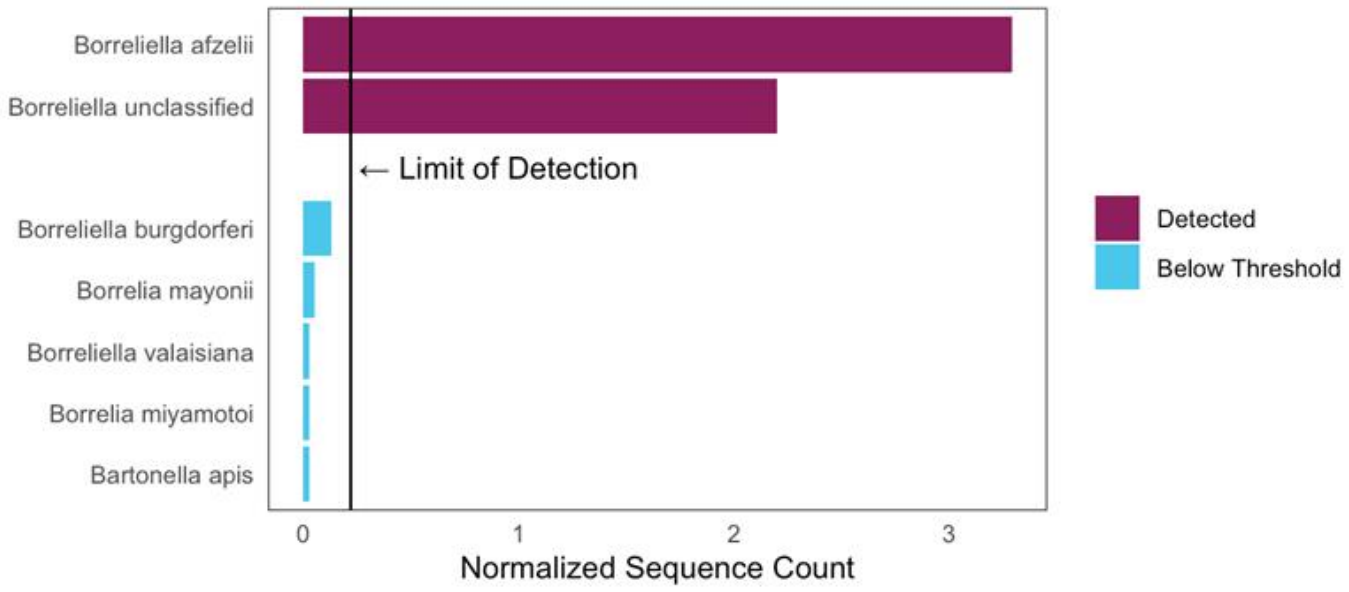
CSI-Dx™ Report

Patient Name:	(name)	Sample Type:	(urine/blood)	Physician Name:	(name)
DOB:	(xx/xx/xxxx)	Sample ID:	(xxxxxxxx)	Phone:	(xxx-xxx-xxxx)
Sex:	(M/F)	Collection Date:	(xx/xx/xxxx)	Fax:	(xxx-xxx-xxxx)
Patient ID:	(xxxxxxxx)	Samples Received:	(xx/xx/xxxx)	Report Completion Date:	(xx/xx/xxxx)

The CSI-Dx™ test utilizes Next Generation Sequencing (NGS) technology and CSI's validated RAPID-Dx™ bioinformatic pipeline to detect microbial RNA in urine from transcriptionally active bacteria, fungi, viruses, and protozoa. The CSI-Dx™ test has been analytically validated to report the presence of pathogenic microbial RNA when present at levels above each microbe's established Limit of Detection (LOD). The results included within the report display all tick-borne associated microbes that yielded normalized RNA sequence counts in the clinical sample. Microbes that yield normalized RNA sequence counts above their analytically validated LOD are considered to be detected, whereas species that yield normalized RNA sequence counts below the LOD are considered to be incidental findings .

CSI-Dx™ Results

Microbe	Threshold Value for Detection	Sample Value	Above-Threshold/Detected?
Borreliella afzelii	0.22	3.29	Yes
Borreliella unclassified	0.22	2.20	Yes



Disclaimer: (i) This test was developed and performance characteristics have been determined by Contamination Source Identification, LLC laboratory. It has not been cleared or approved by the U.S. Food and Drug Administration (FDA), however, the FDA has determined that such clearance or approval is not necessary. This test is used for clinical purposes. Its use should not be regarded as investigational or for research. This laboratory is certified under the Clinical Laboratory Improvement Amendments of 1988 (CLIA 88) as qualified to perform high complexity clinical laboratory testing. (ii) A negative result does not rule out the possibility of nucleic acid inhibitors within specimens nor pathogenic nucleic acid below the level of detection. (iii) Contamination Source Identification, LLC and its affiliates assumes no liability to patients with respect to actions of physicians, healthcare facilities, and other users. Additionally, Contamination Source Identification, LLC assumes no liability for the misuse or misinterpretation of information obtained through this report. This report is meant solely to provide diagnostic information for physicians or other qualified healthcare providers in order to aid with their clinical decision making and therapeutic results. (iv)*Something about the test characteristics or limits of detection?*

Laboratory Director: Dr. Jeanne Lumadue MD, Ph.D., MBA (AUTOMATED SIGNATURE HERE)