



**PREVENT.
DETECT.
ACT.**



SIMPLE, SAFE AND RAPID ON-SITE PATHOGEN TESTING

Monitoring the environment around food production is crucial to avoid pathogen contamination. NEMIS novel N-Light™ *Salmonella* Risk test is the first reliable method that enables lab free testing and puts you as a food producer in control of your own quality management process.

- ON-SITE**
lab-free testing
- SAFE**
closed system from sampling to detection
- RAPID**
take action after only 24 hours
- CONVENIENT**
digital results in 4 simple steps
- EASY-TO-USE**
anyone can do it
- COST-EFFECTIVE**
test more for the same budget

WE TRANSFORM HOW ENVIRONMENTAL TESTING IS DONE

✓
Detects *Salmonella* spp.
and potential
contamination niches

✓
Next day results with
a 10 second readout

✓
Superior specificity
and sensitivity

✓
Proprietary enrichment
with phages eliminates
competing microflor

✓
AOAC-RI validation on
stainless steel, ceramics
and plastic surfaces

✓
Validated against
ISO 6579-1:2017

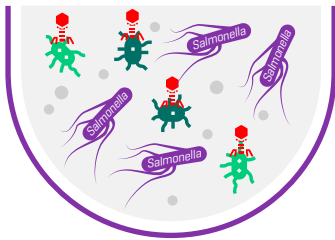


**EMPOWERING YOU
TO FIGHT THE INVISIBLE**
nemistech.com

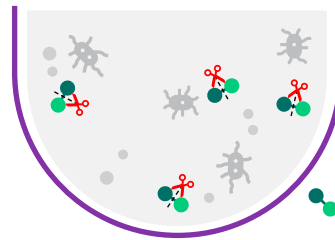


WE SHED LIGHT ON THE INVISIBLE

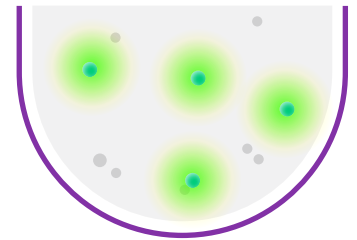
The N-Light™ tests are powered by the patented AquaSpark™ technology. The light reaction emitted from highly sensitive chemiluminescent molecules is specifically triggered by an enzyme produced by all *Salmonella* serovars when alive. Some closely related bacteria occupying the same environmental niche also produce the enzyme. The robustness of the test is further enhanced by NEMIS proprietary enrichment broth containing phages. Phages are viruses which kill competing microflora but are harmless or even beneficial to humans. Test results above the detection threshold indicate an increased risk for the presence of *Salmonella*.



Phages kill present microflora but not *Salmonella* or bacteria occupying the same niche



The targeted enzyme breaks the AquaSpark™ molecule



This results in the emission of light, which is then measured

WITH NEMIS, YOU ARE IN CONTROL



SAMPLE



TRANSFER



INCUBATE



ACTIVATE



MEASURE

Pos.	Description	Quantity
00001	NEMIS Bench Top Luminometer BTL1	1
00002	NEMIS Dry Block Heater DBH1-24-230V	1
00014	N-Light™ <i>Salmonella</i> Risk	50
00026	N-Light™ Sterile Dry Swab BP with separate BPW Buffer	50

Storage at 4-8°C

26.10.22 *F. Gartenmann*
M. Keyfeld

THE MEANINGFUL RISK MANAGEMENT TOOL TO FREE YOUR MIND

Coming soon: N-Light™ *E.coli*



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