



Test, diagnose, and drive proactive microbial control

LuminUltra technology makes the difficult seem simple. Our full suite of products will change the way you think about microbiology – while giving you the tools you need to:

- ✓ Quantify and identify your microbial activity.
- ✓ Understand how microbes are impacting your environment, facility, or system.
- ✓ Improve your system, ultimately saving you time and money.

Our tools use cutting-edge technology to deliver rapid, precise findings that put you back in control and limit costly problems created by out of control microorganisms.



Gold-standard qPCR testing technology

Wastewater testing for COVID-19 is done via qPCR – the same technology used for clinical testing.

The LuminUltra GeneCount[®] qPCR device is rapid, portable, can be used on-site without a lab, and produces results in under 90 minutes.

Additional COVID-19 testing methods are also available for the GeneCount[®] device, including surface, air, and clinical diagnostics.

[Ask us](#) for a complete list of industrial assays targeting additional microbes for system monitoring.

We work with you to help identify the best targets for your needs.

Bacteria & Archaea (16S rRNA)	Enterovirus ddPCR
Fungi & Oomycetes (ITS1)	Norovirus (<i>GI, GII</i>)
Total Prokaryotes	Monkeypox
Total Fungi	SARS-CoV-2 (<i>NI, N2, Del69/70, P681R, WT-69, WT-E484, WT-P681</i>)
<i>E. coli</i>	Sewage (<i>BacV4V5-1, BacV6-21</i>)
Iron-reducing Bacteria	Beaver (<i>BeaPol01</i>)
<i>Legionella sp.</i>	Bird (<i>GFD</i>)
Methanogens	Chicken (<i>CP2-9-EPA</i>)
Sulfur-oxidizing Bacteria	Cow (<i>M2-EPA1, M3-EPA2</i>)
Sulfate-reducing Bacteria	Dog (<i>DG3-EPA, BacCan-UCD, DF475F</i>)
Campylobacter ddPCR	Elk / Deer (<i>EF990R</i>)
<i>Enterococcus faecalis</i>	Goose (<i>CGOF1, CGOF2</i>)
General Bacteroidetes	Gull (<i>Gull4</i>)
General <i>Enterococcus</i>	Horse (<i>HoF597F</i>)
<i>E. coli</i> O157:H7	Human (<i>HF183, HF183 ddPCR, HF183/BacR287, HumM2-EPA, HumM2-EPA ddPCR, Bth. BsteriF</i>)
<i>Salmonella</i> ddPCR	Pig (<i>Pig2Bac, Pig2Bac ddPCR</i>)
MRSA (<i>femA, mecA162, mecA99, Nuc, SCN, TetM</i>)	Poultry (<i>CL</i>)
Adenovirus ddPCR	Ruminant (<i>Rum2Bac, BacR</i>)
Rotavirus ddPCR	