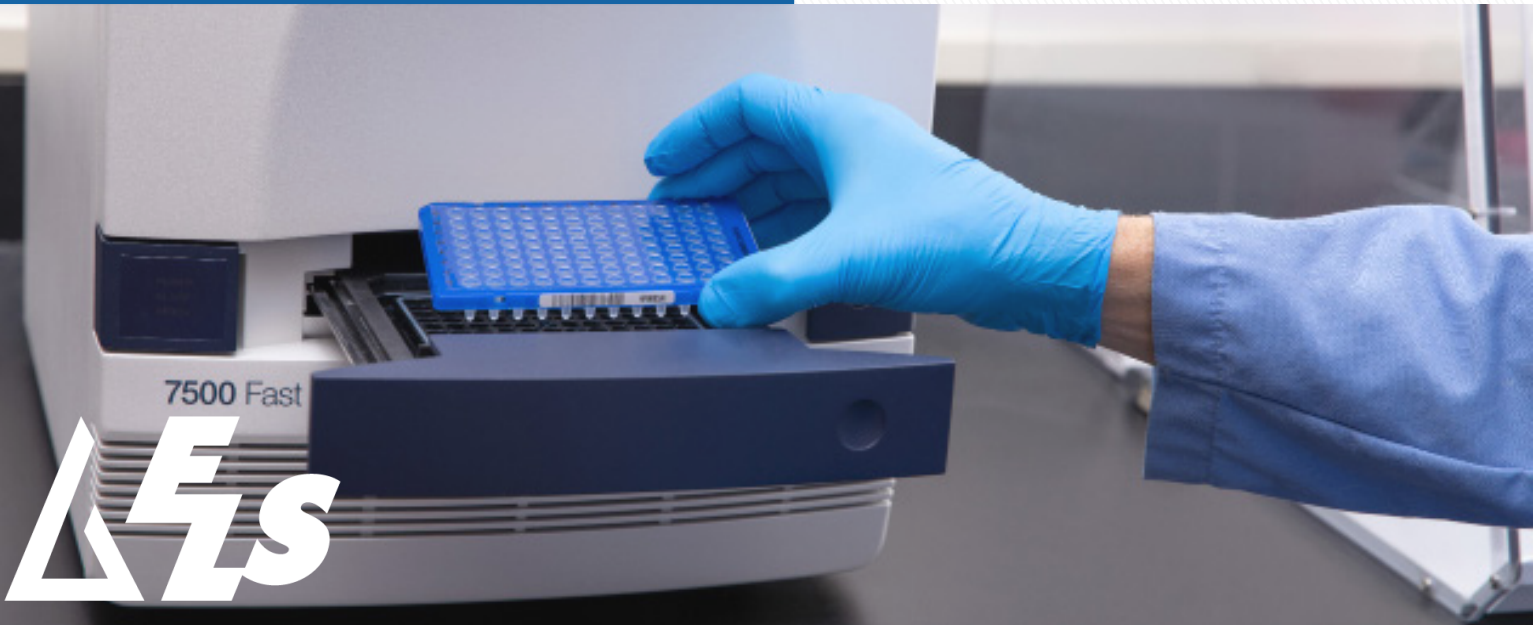


# PCR TESTING FOR PATHOGENS

Eastern Laboratory Services (ELS) can help dairy manufacturers manage their food safety risk by providing the most accurate, timely and cost-effective pathogen testing services in the industry.



## Real time Polymerase chain reaction testing

ELS is now offering Polymerase chain reaction (PCR) testing for pathogen detection. PCR testing is a technique that uses DNA to detect specific types of bacteria. Real time (RT) PCR testing offers a rapid and highly accurate way to test for pathogens.

RT PCR procedures involve amplifying the DNA of the target pathogen so it can be detected at very low levels, even if the target pathogen is no longer alive in the sample. RT PCR can also be used over a wide variety of matrixes.

- AOAC certified
- Rapid results usually available in 24 hours
- Highly sensitive and can detect the target organism at one cell per 25g.

## Available PCR testing

- *E. coli* 0157:H7
- *Listeria spp.* (ISO/IEC 17025:2017 accredited)
- *Listeria monocytogenes*
- *Salmonella* (ISO/IEC 17025:2017 accredited)
- *Campylobacter*

## PCR testing available by special arrangement:

- STEC *E. coli*
- *Cronobacter*
- *Enterobacteriaceae*

## Testing is easy and convenient

- Turnaround time is as fast as 24 hours if requested
- Cash, check and credit card accepted