

## **PCR methodology in Pathogen Detection**

### **Salient Features of the technology:**

- The PCR assay for food borne pathogens is rapid and reliable method.
- The assay is sensitive enough to detect food borne pathogens with high specificity.
- All the molecular cultures confirmed positive through molecular techniques were confirmed by sequencing of their corresponding genes.
- The PCR assay confirmed to have >99% accuracy and reducing turn around time to 2 days for the detection.
- The PCR assay developed was brought into kit form and the shelf life studies were being carried out for the reaction components to observe their stability on long term storage.
- This assay has been developed by NIN, Hyderabad (an ICMR institute).