

Rapid Pathogen School 2024

Assurance GDS®

Advanced Genetic Detection for Food Pathogens

Workshop on Advanced PCR-based pathogen screening method for various food pathogens with Assurance GDS®

Date: 3rd - 4th June 2024



Microbiology Training Program

Being always "up to date" on the best testing procedures and regulatory requirements is fundamental to be able to implement good practices in your laboratory.

We at Merck are aware of this need and decided to expand our existing offer by providing you with training opportunities.

Overview:

In the changing world of Food Microbiology, the need for speed and accuracy has intensified. Maintaining the status quo means falling behind. Fortunately, the world of science is changing as well. As an essential part of the course, you will participate in an interactive workshop on how to perform a Rapid pathogen testing with the GDS. Participants' case studies will also be discussed. Our experienced instructors also provide valuable suggestions for regulatory compliance.

What will you be able to do after attending this course?

- Understand GDS Rapid Pathogen Detection Technology with Electronic Data and its importance to compliance Regulatory Audits.
- Immunomagnetic Separation (IMS) technology to overcome interfering matrices without further dilution to increase sensitivity.
- Gain knowledge on Verification of Rapid Methods as per ISO 16140- 1/2/3.
- Hands on Session including Pre enrichment of sample to Final GDS assay with reporting techniques.

What will you receive ?

- A full set of course notes
- Certificate of Achievement

Who should attend

The courses is designed primary for quality control, manufacturing or quality assurance personals who perform or responsible for product safety to end consumer. Regulators and SME involved in Quality and Safety of Food Products.

Academic Staff/Students/Research scholar from Universities related to Food Microbiology and Food Technology.

Which of your challenges does this course address ?

- ➔ Sample Handling issues
- ➔ Verification of Food Matrices and selection
- ➔ Case studies from you on one to one basis.

Email Id

biomindia@merckgroup.com

Venue

CMAT Lab Collaboration with Merck & FSSAI

(Center for Microbiological Analysis Training (C-MAT) lab at National Food Laboratory, Ghaziabad),
Ahinsha Khand 2, Indirapuram, Ghaziabad, Uttar Pradesh 201014.

Fees

Rs. 18,000/- + GST

For Registration & enquires, write us at -

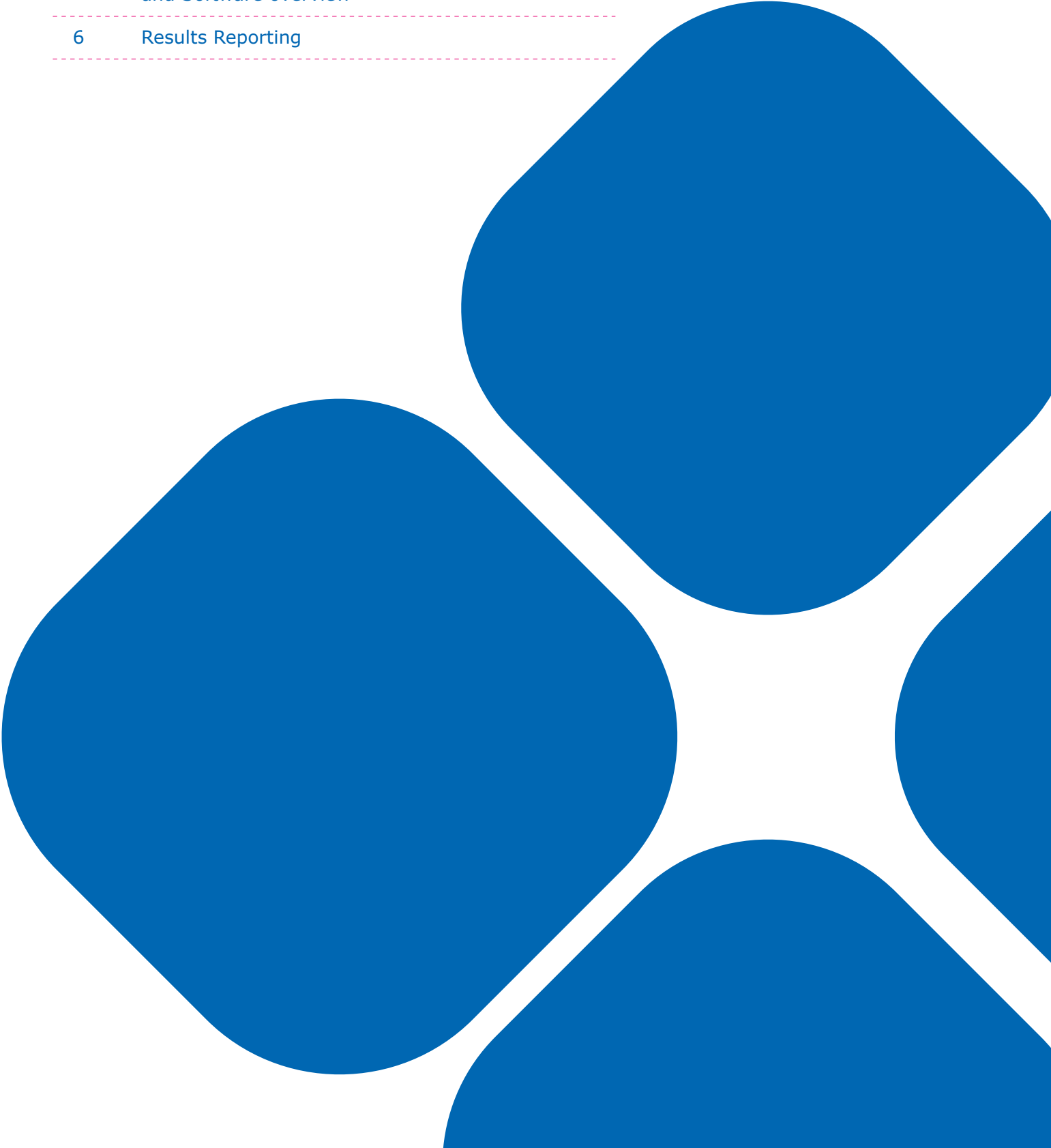
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or call on +91 94154 63547
+91 94170 02472

Closing date for registration will be

- Register early to get additional discounts.
- We offer GROUP PARTICIPATION Discounts.

Sr. No.	Content
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- | | |
|---|---|
| 1 | Introduction to Food Pathogen Testing |
| 2 | PCR Detection with GDS Technology |
| 3 | Verification of Rapid PCR Method as per ISO 16140-1/2/3 |
| 4 | Hands on for Sample Pre enrichment Day - 1 |
| 5 | GDS Analysis with Immunomagnetic Separation and Software overview |
| 6 | Results Reporting |
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FOR registration:

Click Here

or



Scan
QR Code

For more information, write to us at
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Centre for Microbiological Analysis Training (C-MAT)
Merck Life Science Private Limited

National Food Laboratory, Ahinsa Khand II, Indirapuram,
Ghaziabad, Uttar Pradesh - 201014.

Website: www.merckmillipore.com | www.sigmaaldrich.com

BioMonitoring Rapid Pathogen Training

Merck Life science private Limited

Location: center for Microbiology Analysis & Training
National Food Laboratory, FSSAI complex, Ahinsa Khand II,
Indrapuram, Ghaziabad, Uttar Pradesh - 201014.

AGENDA DAY 1 (3rd JUNE, 2024)

Time	Topic
10:00 AM - 10:30 AM	welcome & introduction
10:30 AM - 11:30 AM	Theory <ul style="list-style-type: none"> introduction to food pathogen testing
11:30 AM - 12:00 NOON	Tea Break
12:00 NOON - 01:00 PM	Theory <ul style="list-style-type: none"> PCR detection with qDS technology
01:00 PM - 02:00 PM	Lunch Break
02:00 PM - 02:45 PM	Edutainment
02:45 PM - 03:45 PM	Theory <ul style="list-style-type: none"> verification of rapid PCR Method as per ISO 1140-1/2/3
03:45 PM - 04:00 PM	Tea Break
04:00 PM - 05:15 PM	practical session <ul style="list-style-type: none"> hand on for sample pre-enrichment

Biomonitoring rapid pathogen training

AGENDA DAY 2 (4th JUNE 2024)

Time	Topic
10:00 AM – 10:15 AM	Recap Day 1
10:15 AM – 11:15 AM	practical session <ul style="list-style-type: none"> • GDS Analysis with IMMUNOMAGNETIC separation • GDS software overview
11:15 AM – 11:30 PM	Tea Break
11:30 AM – 01:00PM	Discussion and case studies
01:00 PM – 01:45 PM	Lunch Break
01:45 PM – 04:00 PM	Results reporting
04:00 PM – 04:30 PM	Evaluation
04:30 PM – 05:00 PM	Certificate distribution and feed back submission