

## HANDS-ON TRAINING

# ON ELISA

### About the program:

Enzyme-linked immunosorbent assay is one of the most commonly used techniques applied to detect antibodies in the blood. A deep-immersion experience with this assay can be an excellent asset for any professionals aspiring to make a career in life sciences research and diagnostics. This program aims to equip the participants with hands-on training on the applications and operations of ELISA.



### Duration:

**6 Days (includes theory, hands-on training, and evaluation).**

**Successful completion of the program gets you a Certificate of Participation.**

### Curriculum includes:

- ▶ Basic theory of ELISA - immunological technique for quantification of Biomarkers
- ▶ Principles and Kit selection guidelines
- ▶ Method Validation and optimization of ELISA
- ▶ Reagents Preparation
- ▶ Assay procedure
- ▶ Statistical calculations
- ▶ Data interpretation- graph & clinical significance
- ▶ Real handling of the instrument



### Program Suitability:

- ▶ For undergraduate and postgraduate learners from Molecular Biology, Biological Science, Life Science, Microbiology, Biotechnology etc.
- ▶ For those who wish to expand their basic knowledge & gain a better understanding of ELISA applications and data analysis.