

# Immunoassay Services



## Custom ELISA Development

ELISAs (Enzyme Linked ImmunoSorbent Assays) are the most widespread solid phase immunoassays. This technique is based on immunological detection and quantitation of single or multiple molecular species in a biological sample.

Prevalere offers an outsourcing alternative to internal assay development and a variety of services to meet your needs:

- Design and development of sensitive and specific immunoassays for use during research and development. Direct, Indirect, Capture and Competitive ELISA formats available
- Antibody purification from ascites or culture supernatants
- Custom conjugation of enzyme-linked antibodies using either horseradish peroxidase, alkaline phosphatase, or  $\beta$ -galactosidase
- Preparation of biotin-labeled antibodies to improve sensitivity
- Ultraviolet or Fluorescence detection

## GLP Validation

Prevalere provides validation of ELISA methods using assay formats developed by Prevalere or provided by the client.

The expertise of our scientists ensures that methods are validated according to the level of quantitation, specificity and robustness required.

- Our extensive system of standard operating procedures (SOPs) complies with Good Laboratory Practices (GLPs) and is regularly updated to meet changing regulatory and industry standards
- In-process QA audits ensure compliance with GLP regulations
- Data analysis and reports are customized to meet individual client needs

## Automated Sample/Data Handling

Prevalere's ELISA laboratory features the latest equipment and technology to provide rapid sample analysis to meet the increasing need to shrink development timelines.

Our laboratory employs:

- Automated GLP compliant systems for sample log-in, tracking and storage
- Validated liquid handling systems to increase assay accuracy and precision
- Networked ELISA data management systems to provide rapid and accurate data transfer into final report tables
- An in-house proprietary report generation system which allows for rapid generation of final reports in a standard or client-specified format

For further information or a price quotation, please contact Ms. Jane Curley.



8282 Halsey Road  
Whitesboro, NY 13492  
Phone: 315.736.3050  
Fax: 315.736.2460  
Web: [www.prevalere.com](http://www.prevalere.com)