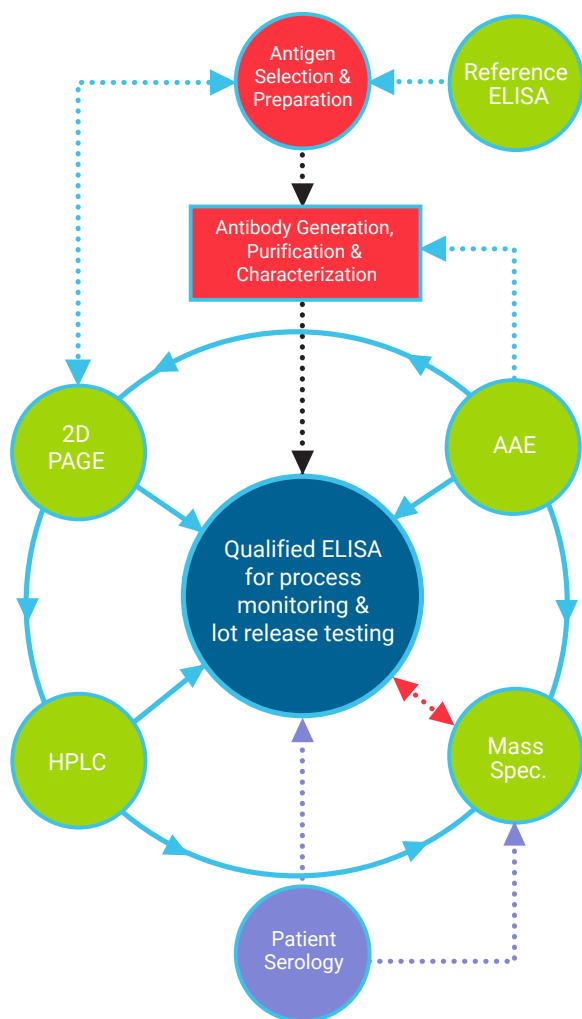


Multi-Method Analysis

Detect your host cell protein impurities

Integration of Orthogonal Methods in HCP Analytics



Color key:

Green = Orthogonal methods used to support ELISA

Red = Critical decisions in the development of the ELISA

Purple = Orthogonal method not to support the ELISA development but, to support the clinical findings

A well-developed ELISA method using Cygnus Technologies' proprietary methods for antigen selection and antibody generation and purification, will be the linchpin method for host cell protein analysis. In addition to developing generic and process-specific ELISA kits, Cygnus Technologies is now pleased to offer sensitive and specific orthogonal methods to identify individual host cell protein impurities that persist through your purification process. These orthogonal methods include Mass Spectrometry, 2D PAGE, HPLC, and our proprietary AAE method, which is far superior to two-dimensional western blot. The integration of data from these orthogonal methods together with ELISA data provide a comprehensive analysis of HCP content, that will meet regulatory expectations.

Custom Services

- Polyclonal Antibody Generation
- Antibody Coverage Analysis
- Process-Specific Assay Development
- Comprehensive Assay Qualification Protocols
- Antibody Affinity Extraction AAE
- Mass Spectrometry
- 2D PAGE and 2D Western Blot