Anti-Idiotype Antibody Development (anti-Id)

Covance is the leading provider in custom anti-drug antibody development. By partnering with Covance you will benefit from our scientific expertise in eliciting an antibody response. In addition you have access to our ancillary services including antibody purification and subsequent labeling. Using these reagents, Covance also offers related anti-Id services such as assay development and analysis of samples during the biotherapeutic development.

Comprehensive capabilities featuring:

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<th>Assay Support Services</th>
<th>Assay Development/ Validation (ELISA)</th>
<th>Qualification/ Validation Assay</th>
<th>Routine Testing</th>
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<td>Custom Reagent &amp; Method Development</td>
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anti-Id Antibody Applications
- Capture reagents for assays
- Positive control in neutralizing assays (monoclonal)
- Antigen images (enzymes, toxins, etc)

Typical Approach - Polyclonal
- Recommended species: rabbit or nonhuman primate (NHP) – others available
- Antigen
  - Biotherapeutic
  - Full length or truncated antibody
  - F(ab')2*, Fab*, single chain

Typical Approach - Monoclonal - “Zero Cross Reactivity”
- Recommended species: mouse, rat, rabbit**
- Antigen
  - Biotherapeutic/large molecule
  - Full length or truncated antibody
  - F(ab')2*, Fab*, single chain
- Follow typical hybridoma approach
- Screen against fragment or single chain
- Test for neutralizing effects

Purification
Access to dedicated Immunochemistry Lab providing:
- Protein A/G
- Antigen specific purifications
- Deplete cross reacting antibodies

Want to Develop an anti-ID with Nonhuman Primates?
Only Covance Offers:
- Rapid Study Starts
  - Supplier of animals
  - Large Capacity
  - 60,000 sq ft of vivarium space
  - “One Stop Shopping”
  - Single location for reagent development services

* Covance can perform fragmentation
** Covance has a partnership with Epitomics® for rabbit monoclonal projects

Contact Us
Phone: 800.345.4114
Email: ab.services@covance.com
Facilities

- State-of-the-art Animal Biosafety Level 1 & 2 vivariums featuring surgical and necropsy suites
- Client-dedicated space including cubicles, small and large rooms
- Large capacity with the ability to start thousands of animals concurrently
- Multiple dedicated tissue culture rooms
- Limited access facility

Staff

- AALAS trained, AAALACI certified and validated technicians
- Scientific team specializing in tissue culture and immunology
- Onsite client services and project management
- 24-hour staffing, veterinary care, and security monitoring
- Onsite Institutional Animal Care & Use Committee (IACUC), Institutional Biosafety Committee (IBC), and Quality Assurance Unit (QAU)

Process

- Rapid quote turnaround
- Stringent two-person procedure verification system
- Computerized study management with secure, online study access
- Custom packaging, labeling, shipping and storage
- Individual animal identification via microchip implant

Benefits

- Optional protocol and report
- Online Study Viewer
- Custom Certificate of Analysis
- Direct access to staff performing the study
- Rapid quote turnaround

To schedule a site visit or study, please contact our Client Care team at 800.345.4114 or email ab.services@covance.com.

Covance is an independent, publicly held company with headquarters in Princeton, New Jersey, USA. Covance is the marketing name for Covance Inc. and its subsidiaries around the world.