

CUSTOM MONOCLONAL ANTIBODIES



LAMPIRE
BIOLOGICAL LABORATORIES

45 YEARS **STRONG**



CUSTOM MONOCLONAL ANTIBODIES

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LAMPIRE offers a comprehensive line of monoclonal antibody services from research to bulk scale production. Our services include: hybridoma development, cell culture manufacturing (R&D Scale, Production Scale), cell line optimization, serum free adaptation, supernatant concentration, antibody purification and characterization and cell bank production, testing and storage. LAMPIRE's Biotechnology Research and Resource Center in Pipersville, PA, offers a wide array of services for the research, development and production of monoclonal antibodies, in a variety of animal models, using both in-vivo and in-vitro culture methods.

Antibody production services are conducted under cGMP guidelines. LAMPIRE is FDA Registered, USDA Licensed and AAALAC accredited. All services are kept completely confidential. Our trained staff are a valuable resource available to you throughout the process to help refine the details, scope and design of your project. To begin discussion about your project, email projman@lampire.com or call 215-795-2838.

Hybridoma Development:

- **FREE Antigen Review and Animal Model Selection**
- **Phase I: Project Design and Immunization**
- **Phase II: Cell Fusion**
- **Phase III: Cloning**

One of the biggest challenges in preclinical research is procuring high quality animal services to support your drug development mission. With a flexible and responsive approach to meeting your needs, LAMPIRE offers our clients the highest quality services backed by AAALAC accreditation, OLAW assurance and licensure by the USDA. Projects are managed by industry experts with years of experience in animal care and experimental design.

LAMPIRE's Vivarium Services Team is ready to support your in vivo R&D from housing and husbandry to high level implementation of preclinical drug development. Our experienced team can execute your experiments or assist you in performing your own. We offer a variety of animal models for drug administration, exploratory toxicology and cancer xenograft models. With a cGMP compliant Quality System, projects are completed on-time, with outstanding quality, and in conformance with your requirements, specifications, and standards.

- **AAALAC Accredited**
- **Ventilated Cage (IVC) Rack System**
- **Biorepository Storage**
- **Models: Mice, Rats, Guinea Pigs, Hamsters, ect.**
- **Environmentally Controlled**
- **100% HEPA-Filtered**

Antibody Support Services:

- **Cell Line Optimization / Cell Banking**
- **Serum-Free Adaptation**
- **Cell Culture Manufacturing**
- **Sterility and Mycoplasma Testing**

- **24 hr Closed Circuit Security**
- **AALAS Certified Technicians**
- **Species Specific Segregation**
- **Specialized Clean Rooms**
- **"Clean-Dirty" Corridor System**
- **Back-up Generators**

EXPERIENCE THE DIFFERENCE

Leading In-Vivo Research

LAMPIRE is the leader of In-Vivo research and products. We pride ourselves on going above and beyond the industry standard.

Our credentials include being: AALAC, OLAW and ISO 13485:2016 certified.

The health and well-being of our animals has been, and always will be our top priority.

Each collection is conducted under the strict guidelines that are set forth in our Standard Operating Procedures overseen by our QMS system.