



HemoStat Laboratories is **the trusted source of quality animal blood products** for cell culture, diagnostic manufacturing and medical device applications.



Why Hemostat

offer delivery times on the market, with dedicated support and expertise from our team. [more>](#)



A Better Service Model

bring constant attention to efficiency, quality control and animal welfare. [more>](#)



Process

We ensure superior sourcing, collection and quality via our suite of proprietary processes, techniques and exhaustive training from a seasoned leadership team. [more>](#)



Products

Our animal blood products are aseptically collected from healthy animals of US origin, including defibrinated blood, serum/plasma, whole blood in anticoagulant, washed red cells and laked blood. [more>](#)





About Hemostat

HemoStat Laboratories provides sterile animal blood products for biomedical research, including cell culture, diagnostic and medical device applications.

With decades of experience, we are a leader in the industry, having revolutionized processes, efficiencies and quality control in animal blood products. We are led today by the original team that built HemoStat from the ground up decades ago. Our quest for constant innovation and deep knowledge in the field has helped us serve thousands of partners and leaders in the biomedical and microbiological industries.



Why HemoStat

At HemoStat, we think critically on how to serve the biologic industry, constantly engineering to ensure we meet the highest level of efficiency, quality control and animal welfare. This attention to process makes it possible for us to be a direct source of animal blood products with a zero-day lead time, saving our clients time and money.

We work with each client as a partner. Whether your needs are simple and straightforward, or require more flexibility, we'll work closely with you to develop unique solutions, provide research, ship on a consistent schedule or handle special projects that will ultimately meet your needs.



A Better Service Model

HemoStat Laboratories is the oldest producer and distributor of animal blood products in the United States. When Gordon Murphy and Jim McElligott founded HemoStat, they saw an instant opportunity to better serve the biomedical industry's blood product supply. Over the last 40 years, we have developed a model that has revolutionized the market by:

- Building relationships with well-respected animal owners and growers, taking away the cost of maintaining a herd. We also pushed the envelope on developing collection techniques and systems that were effective, safe and humane for the animals.
- Working through a long list of regulatory requirements that would allow us to serve clients and export animal products all over the world. Our two USDA-approved facilities in California and Colorado are compliant with European Union Regulations (EC) 1069/2009 and (EU) 142/2011.
- Designing and manufacturing our own collection equipment, allowing us to develop proprietary techniques, while constantly iterating and improving where we can.
- Manufacturing our own collection and pooling bags, which allows us to be flexible to clients' needs and keep costs low.

This model has powered HemoStat's leadership in the field, and continues to do so today.



Process

HemoStat Laboratories' entire operation—sourcing, collection, and processing—happens within our own team. Our unique,

Quality System

Over the last 40 years, we have fine-tuned our system from start to finish to deliver a process that runs at a consistent, measurable standard. All HemoStat animal blood products are tested for hemolysis, color, and sterility. We maintain extensive blood history records to ensure traceability.

Expert Methodology

Our refined collection process was developed by our own team, from technique to our own custom collection bags. We are always evaluating these procedures to improve and ensure we are maximizing our volume and minimizing time to get it to our clients, all while adhering to rigorous quality standards.

Sourcing

We have developed long-term relationships with the most respected and experienced animal owners and growers. These trusted partnerships, combined with facilities in both California and Colorado, allow us to handle seasonal and environmental changes without disrupting our clients' needs.

Training

We are led by a seasoned management team, including our founders who built HemoStat Laboratories 40 years ago. Our team goes through constant training and auditing to make sure they are adhering to HemoStat's techniques, which were developed to meet the highest standards of efficiency and quality.



Products

HemoStat's animal blood products are aseptically collected fresh from healthy, donor animals of U.S. origin by our own team of trained technicians. Free of medications and antibiotics, tested for sterility and screened to ensure consistent quality, our animal blood products include:

Defibrinated Blood

Our defibrinated blood products are aseptically drawn from healthy, donor animals of U.S. origin. Blood is mechanically defibrinated without anticoagulants or other additives. All material is screened prior to being pooled for color, PCV and hemolysis. Standard micro testing is performed on all finished pools and results are sent upon request. This product ships on gel ice and should be stored at 2-8C. See [all defibrinated blood products](#).

Serum/Plasma

All serum and plasma are aseptically collected from healthy donor animals of U.S. origin. Serums are available in raw form or sterile filtered. Aliquots range from 125ml to bulk jugs of 3.5L. This product ships frozen on gel ice and should be stored at -30C. Dry ice available upon request. Volume discounts are available. See [all serum and plasma products](#).

Whole Blood in Anticoagulant

Our standard anticoagulants include a1severs (50/50), sodium citrate (90/10) or heparin (3 iu/ml). Other anticoagulants (EDTA, CPDA, etc.) and special ratios or concentrations are available by request. See [all whole blood products](#).

Washed Red Cells

Washed cells are made from whole blood washed with 0.9% sterile isotonic saline by a manual method to remove the majority of plasma proteins, antibodies and electrolytes. The remaining red cells are then resuspended 50/50 in a saline solution. See [all washed red cell products](#).

Laked Blood

Laked blood is subjected to at least three complete freeze-and-thaw cycles to fully lyse cells. Finished products are tested and aliquoted in volumes from 50mls to 9 liters. This product ships frozen on gel ice and should be used immediately or stored at -30C. See [all laked blood products](#).