



Human Biologicals

Offering a wide range of human biologicals for countless in-vitro research applications. From cell culture to disease and vaccine research, we deliver reliable, consistent products that produce reliable, consistent results all study long.



BLOOD, PLASMA, AND SERUM

We offer a wide range of human whole blood, blood cells, plasma, and serum products. We work with a wide network of FDA-approved collection centers across the United States, allowing us to collect as-ordered and accommodate most demographic and donor requests. Because of this, we are able to customize most products to meet exact specifications.



BIOFLUIDS AND BIOSAMPLES

We have expanded our catalog of human biofluids and biosamples to meet expanding research needs. In addition to standard products, we also offer specialized samples in pregnancy-state, disease-state, and pediatric varieties.

We offer high-quality, consistent and customizable products to top researchers and institutions around the world.



PRODUCTS FOR CELL CULTURE

Our AB Serum for Cell Culture is a popular substitute for FBS/FCS, and comes in several variations. These include plasma-derived and off-the-clot serum, both of which are also offered in heat inactivated preparations. Our AB Serum is collected from male donors with blood type AB, and is filtered and tested for mycoplasma, endotoxin, and sterility.

Ordering Information: +1 248-896-0145 | Toll-Free: 888 660 6866 | sales@innov-research.com



Pediatric Biologicals

Offering a range of pediatric biologicals collected from juvenile patients, our range of pediatric biologicals for in-vitro research use include standard blood products like whole blood, plasma, and serum, as well as other frequently-requested biological samples like fecal matter/stool samples, urine, and saliva.

Pediatric biospecimens are available in a wide range of age groups (product-specific) to ensure that you are able to source the exact material needed for your research application.

In many cases, we are also able to accommodate custom collection and custom demographic requests, as well as prospective collections to ensure your materials are what you need, when you need them.



PRODUCTS AVAILABLE INCLUDE:

Single Donor Human Pediatric: Whole Blood • Serum • Plasma • Saliva • Fecal Matter • Urine



VARIETY OF AGES AVAILABLE

Pediatric blood-derived products are available from single donors in the age group that best meets your research need. Typically these options include 0-3yrs, 4-7yrs, 8-10yrs, 11-14yrs, and 15-17yrs, but this may vary slightly by product.



PARENTAL APPROVAL

Pediatric biospecimens are collected with full parental consent and approval. The samples ship with basic demographic information, as available (age, gender, etc) but are not personally-identifiable and remain anonymous.

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Human Urine Products

We understand that biologicals are at the heart of research, and know how important it is to find the exact biofluids necessary for a given research application. Our human urine products are highly-specific and are designed to meet exacting research needs.

From standard single donor and pooled varieties for use as controls to specialized products that are filtered, stripped, or preserved, we've got you covered.

We also offer a range of specificities including age, condition, disease-state, and THC-positive urine samples. Working with you to set up prospective collections ensures that your materials are collected to your specifications and delivered on schedule.



PRODUCTS AVAILABLE INCLUDE:

- Single Donor Human Urine
- Pooled Human Urine
- Filtered, Stripped, and Preserved Options
- Postmenopausal or Pediatric Urine
- Pregnancy Urine (First, Second, Third Trimester)
- Disease State Urine (Type I & II Diabetes)
- THC Positive Human Urine



SINGLE DONOR OR POOLED

Our human urine products are available in single donor and pooled varieties. We are able to accommodate most demographic and collection requests, and we can also create custom pooled lots to match your research specifications.



ANONYMIZED FOR RESEARCH

When it comes to sourcing human biofluids for research use, we've got you covered. Our human urine samples ship with basic demographic information, as available (age, gender, etc) but are not personally-identifiable and remain anonymous.

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Animal Biologicals

Offering a wide range of animal biologicals for in-vitro research use. With products available from a diverse group of species, we deliver reliable, consistent products that produce reliable, consistent results all study long.



BLOOD, PLASMA, AND SERUM

We offer a wide range of whole blood, red blood cells, plasma, and serum products from species large and small. From specialized blood products (defibrinated, laked, lysed, and more) to complement-preserved and heat inactivated serum options, we have the high-quality reagents trusted by top researchers and institutions around the world.



ANIMAL TISSUES AND ORGANS

Our animal tissues and organs are available fresh or frozen, and we can process each order to exact specifications to ensure that the product requested meets the research need. Available species include Bovine, Canine, Guinea Pig, Hamster, Mouse, Porcine, Rabbit, Rat, and more. We are able to accommodate most custom collection and processing requests.



PROTEINS AND ANTIBODIES

We offer highly purified proteins from a wide range of animal sources, including large animals and small rodents. We also carry polyclonal antibodies in differing purifications (antiserum, fractionated, affinity purified, etc) as well as monoclonal antibodies suitable for applications like Western Blot, as ELISA Standards, Immunohistochemistry, and more.

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At Innovative Research, we understand just how important it is to source reliable, consistent products to meet exact research needs. We have various biological products available from a wide range of species, large and small, and can accommodate most custom requests.

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Specialized Animal Products

You may be familiar with our animal biologicals, especially those from farm animals (bovine, porcine, sheep, horse, chicken) and small rodents (mouse, rat, hamster, guinea pig). But that's not all we do!

Did you know that we offer a line of whole blood and blood-derived products, as well as proteins, enzymes, and antibodies, from more specialized sources including alligator, donkey, emu, goose, llama, salmon, snake, and trout? It's never been easier to access the exact biomaterials you need for your research!



PRODUCTS AVAILABLE INCLUDE:

- Alligator Whole Blood
- Donkey Blood Products & IgG Proteins
- Emu Red Blood Cells
- Goose Whole Blood & Blood Cells
- Llama Plasma & RBCs
- Salmon DNA Purifications
- Snake Proteins & Enzymes
- Trout Whole Blood



CUSTOM COLLECTIONS

We know how important it can be to source just the right biomaterials, and we are able to accommodate many specific collection requests and customizations to ensure that you're receiving the exact biologicals you need.



REGULAR SHIPMENTS

Need alligator blood delivered the first Wednesday of every month? No problem, this is what we do! We can set up regular shipments of your favorite products so you can rest easy knowing you'll have what you need, delivered when you need it.

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Protein & Enzymes

Offering a wide range of protein & Enzymes for in-vitro research use from both human and animal sources. We deliver reliable, consistent products that produce reliable, consistent results all study long.



HUMAN PROTEINS & ENZYMES

We offer a wide range of human-derived proteins and enzymes. From coagulation and fibrinolysis to inflammation and cancer research, we are prepared to support a variety of research with the exact products in the best format and purifications for your required application. Our proteins and enzymes can be reliably used as controls, standards, and more.



ANIMAL PROTEINS & ENZYMES

Our animal proteins and enzymes are available from numerous animal sources to best suit your specific research need. From monkey to mouse, sheep to snake, and dozens more, you can easily find the specific formulation and purification you need. We have the high-quality reagents trusted by top researchers and institutions around the world.



BACTERIA, PLANT, & FUNGAL

We offer highly purified proteins from a wide range of non-animal sources, including those derived from bacteria, plant, fungus, and yeast sources, among others. Our purified proteins and enzymes are reliable standards and controls, and are suitable for applications including (but not limited to) Western Blot, ELISA and assay, and Immunohistochemistry.

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**INNOVATIVE
RESEARCH™**

At Innovative Research, we understand just how important it is to source reliable, consistent products to meet exact research needs. We offer a wide range of proteins and enzymes in various formats and purifications that are suitable for numerous in-vitro research applications.

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Mono/Poly Antibodies

Offering a wide range of mono/poly antibodies in various preparations to best suit your research application. We deliver reliable, consistent products that produce reliable, consistent results all study long.



MONOCLONAL ANTIBODIES

We offer a wide range of both human and animal monoclonal antibodies (including anti-bovine, mouse, porcine, rabbit, and rat, among others) that can be used for numerous applications, including Western Blot, ELISA & Assay, Immunohistochemistry, and so much more. Many monoclonal antibodies are available in labeled preparations, as well.



POLYCLONAL ANTIBODIES

Our polyclonal antibodies from human and animal sources are available in a range of purifications to best suit your research need including popular options like antiserum, fractionated, and affinity purified preparations. At Innovative Research, we have the high-quality reagents trusted by top researchers and institutions around the world.



SPECIALIZED PREPARATIONS

Our range of labeled antibody preparations are available in biotin, FITC, and HRP, to name a few. We also have immunoabsorbed, immobilized, and inhibitory antibodies ready off-the-shelf in the specialized preparations that make your research easier. Let us manage the preparation of antibodies so you can get back to what you do best.

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**INNOVATIVE
RESEARCH™**

At Innovative Research, we understand just how important it is to source reliable, consistent products to meet exact research needs. We offer monoclonal and polyclonal antibodies from numerous species against a wide range of target antigens in many standard and specialized options.

innov-research.com



Cell/Tissue Lysates

Offering a wide range of cell/tissue lysates for countless in-vitro research applications. At Innovative Research, we deliver reliable, consistent products that produce reliable, consistent results all study long.



HUMAN LYSATE PRODUCTS

We offer a wide range of human cell and tissue lysate products. Our cell lysates are derived from common cell lines including HeLa, Daudi, 293T, and A431, among others. Tissue lysates are available from a variety of organs and tissue types. Many are available as whole cell lysates, membrane fractions, cytoplasmic fractions, and nuclear extract preparations.



ANIMAL LYSATE PRODUCTS

We have expanded our catalog of animal cell and tissue lysates to meet expanding research needs. We have a range of lysates available from many different species and in several different tissue and organ types. We also offer expanded purifications, including whole cell lysates, membrane fractions, nuclear extracts, and more. Our cell and tissue lysates are ready-to-use!



SPECIALIZED LYSATE PRODUCTS

Specialized lysates are available, including tumor tissue lysates and disease state lysates to help support a growing range of research areas and applications. We also offer a line of tissue lysates derived from knockout mice genetically lacking the protein of interest. These are great for use as standards or controls, especially when used as a negative control.

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At Innovative Research, we understand just how important it is to source reliable, consistent products to meet exact research needs. We offer a wide range of human and animal lysates, including specialized products like disease-state and knockout lysates.

Our Most Popular Products. Available Today.

Our scientists make great products, and our most popular products are available right now to ship direct to you, at the right price. Stock up on materials for your lab before price increases hit the market. To inquire about products from Innovative Research reach out to sales@innov-research.com or call us at (+1)248-896-0145 or toll-free at 888-660-6866.

PROTEIN

HUMAN IGG AFFINITY PURIFIED

Human IgG Affinity Purified from Innovative Research has been purified from normal Human Serum using Protein A/G affinity chromatography. This is a frozen liquid buffered in 0.02M Sodium Phosphate; 0.15M NaCl; pH 7.2, with a concentration of 10.0 mg/ml and a purity of >95%.

MOUSE TPA ACTIVE RECOMBINANT

This product is useful as a positive control for ELISA and western blot and for a variety of in vitro applications including cell differentiation, cell signaling, clotting assays, fibrinolysis, plasminogen activation, protein-protein interactions, receptor binding, thromboelastography, and thrombolysis. >95% active.

MONOCLONAL ANTIBODIES

MOUSE ANTI HUMAN TPA HEAVY CHAIN MONOCLONAL CLONE

Mouse Anti Human tPA Heavy Chain Monoclonal Clone 2A153 from Innovative Research is a monoclonal antibody in a Frozen liquid format, buffered in 0.05M Sodium Phosphate; 0.1M NaCl; 1mM EDTA; pH 6.6. This antibody has been purified using protein A affinity chromatography.

MOUSE ANTI HUMAN THROMBIN/ANTITHROMBIN COMPLEX MONOCLONAL CLONE 1F7

Mouse Anti Human Thrombin/Antithrombin Complex Monoclonal Clone 1F7 from Innovative Research is a monoclonal antibody in a Frozen liquid format, buffered in 0.05M Sodium Phosphate; 0.1M NaCl; 1mM EDTA; pH 6.6. This antibody has been purified using protein G affinity chromatography.

ELSA KITS

HUMAN IGG ELISA KIT

This human immunoglobulin G antigen assay is intended for the quantitative determination of total human IgG antigen in serum, plasma, hybridoma cell supernatants, ascites or other biological fluids. The assay does not distinguish IgG subclasses. For research use only. Strip well format. Reagents for up to 96 tests.

MOUSE ACTIVE PAI-1 ELISA KIT

Mouse PAI-1 activity assay is intended for the quantitative determination of active plasminogen activator inhibitor type 1 in mouse plasma. For research use only. Strip well format. Reagents for up to 96 tests.

MOUSE TOTAL PAI-1 ELISA KIT

This mouse plasminogen activator inhibitor type 1 (PAI-1) total assay is intended for the quantitative determination of total PAI-1 in mouse plasma in citrate, EDTA or heparin, serum, cell culture media, tissue lysates and other biological fluids. For research use only. Strip well format. Reagents for up to 96 tests.



Stock Your Lab with Innovative Products

Innovative Research supplies a wide range of biologicals, antibodies, reagents, proteins, and assay kits. Our offerings include research-grade products that can be purchased via single order or in bulk quantities. We also accept special orders to include custom lots and collections, and single and pooled donors.

Reach out to sales@innov-research.com or call us at +1 248 896 0145 or toll-free: 888 660 686 for more information.

HUMAN BIOLOGICALS

- Customizable Biological Fluids
- Cancer & Disease State Biofluids
- Whole Blood
- Plasma
- Serum

ANIMAL BIOLOGICALS

- Cell Culture Grade Products
- Highly Purified Animal Proteins
- Whole Animal Blood
- Animal Plasma
- Animal Serum
- Animal Tissues & Organs

ANTIBODIES

- Monoclonal & Polyclonal Antibodies
- Immobilized Antibodies
- Inhibitory Antibodies
- Immunoabsorbed Antibodies
- Antiserum Preparations
- IgG Fractionated Preparations
- Affinity Purified Preparations

PROTEINS AND ENZYMES

- Highly Purified Human Proteins
- Highly Purified Animal Proteins
- Animal-Free Proteins & Enzymes
- Standards & Control Samples

ASSAY KITS

- Human ELISA Kits
- Animal ELISA Kits
- Total Antigen Assay Kits
- Activity Assay Kits
- Kits for Plasma Samples
- Kits for Serum Samples
- Kits for Biofluids
- Tissue Lysate Kits

CELL CULTURE

- Collagen
- Cell Culture Additives

REAGENTS



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