

BLOOD & BIOLOGICAL PRODUCTS

Section Contents

NOTES 7-8	SPECIALTY PRODUCTS & BIOCHEMICALS 30-31
ANIMAL BLOOD & BIOLOGICAL PRODUCTS	Bovine Serum Albumin (BSA)
Donor Products 9-24	Fetal Bovine Serum (FBS)
Whole Blood	Glycoprotein & Stroma
Hematology Controls	
Serum Complement	HUMAN BLOOD & BIOLOGICAL PRODUCTS 32-35
Defibrinated, Lysed, Laked Blood	Whole Blood
Washed, Pooled, Red Blood Cells	Source Plasma
Control Sera & Plasma/Blank Matrices	Defibrinated Plasma
Control Glands, Tissues, & Organs	Sera from Anticoagulant-Free Whole Blood
Normal Sera & Plasma	Blood Components
Specialty Products	Disease-State Sera & Plasma
Abattoir-Derived Products 25-29	Disease-State Panels
Whole Blood	Specialty Products
Normal Sera & Plasma	
Glands, Tissues, & Organs	ORDER FORMS End of Section

Notes About Blood & Biological Products

Donor Herds, Client-Designated Herds & Managed Animal Groups

LAMPIRE maintains closed herds for the production of donor whole blood, sera, and plasma. The animals are raised in breeding programs or are procured from outside sources via defined screening and quarantine procedures. The nutrition of each group is carefully managed using proprietary methods and thorough health records are maintained for all flocks and herds. Individual animal health records are monitored by technicians and staff veterinarians to ensure the continued eligibility of each animal in the Donor groups.

Clients may also select individual animals or designate a herd to fulfill critical production specifications. Please contact Customer Support to initiate pre-screening and evaluation procedures.

Animal Sera and Plasma Collection

Sera and plasma from a specific gender, age, or strain of donor animal are available through our Normal Sera & Plasma Products. These products are obtained from healthy, adult animals. Animals may be fasted before collection upon request. Unless otherwise requested, gender is not specified. For plasma products, the price includes a standard anticoagulant. (See product listings for details on the anticoagulants available.)

Bovine Products

Donor Bovine Products are collected from herds maintained on LAMPIRE's USDA-registered animal facilities or from USDA-inspected abattoirs. All feed is custom manufactured and is free of ruminant tissues. Abattoir products are collected by LAMPIRE technicians from approved, USDA-inspected abattoirs. Products are manufactured to meet in-house specifications as well as the guidelines of the World Health Organization Report for Manufacturing and Importation of Bovine Products. In addition, materials are collected and processed to ensure product quality and traceability.

©2009 LAMPIRE® Biological Labs, Inc.



Tel: 215.795.2838 www.lampire.com lampire@lampire.com

Notes About Blood & Biological Products - *continued*

Closed Herds for Bovine Sourced Raw Materials

To better meet the regulatory and industry requirements for traceable bovine blood, tissues, and organs, LAMPIRE has established a Closed Herd program.* Source animals are born, raised, and slaughtered in the United States. Animals in these herds meet the EU criteria for “closed” or “negligible to zero risk” herds. In addition, they are required to meet the following criteria for a minimum of the previous six (6) years:

- Documented veterinary monitoring;
- No case of Bovine Spongiform Encephalopathy (BSE);
- No feeding of mammalian-derived protein**;
- Documented breeding history;
- Traceable to place of birth;
- Genetic material introduced only from herds with similar BSE-free status.

**Additional fees may apply.*

***Products are accompanied with a statement the animals were not fed prohibited ruminant derived proteins in compliance with the FDA Feed Ban, Federal Register June 5, 1997; 21 CFR Part 589.*

Approved Collection Facilities

LAMPIRE's animal facilities are approved Collection Facilities for avian, bovine, caprine, equine, guinea pig, mouse, ovine, porcine, and rabbit blood products. In addition, the Coopersburg Processing Laboratory was one of the first in the United States to receive approval to export to the European Union products derived from avian, bovine, caprine, equine, guinea pig, mouse, ovine, porcine and rabbit blood, as well as bovine and porcine chilled and processed hides and skins.

Additional Services

Please inquire about these custom services:

- Heat Inactivation (56°C for 30 min.)
- Delipidization
- Filtration (0.2 micron, 0.45 micron)

Custom Package Sizes

Custom package sizes are available upon request for the blood, plasma, and sera products.

Availability of Additional Species

If the species you need is not listed, please inquire as it may be available upon request.



ANIMAL BLOOD & BIOLOGICAL PRODUCTS

Donor Products

Anticoagulants

The whole blood and plasma products in this section are listed with our most popular anticoagulants. If you would like a different anticoagulant, please inquire at the time of placing your order.

Acid Citrate Dextrose (ACD-A formulation)	K2-EDTA	K-Heparin
Alsevers	K3-EDTA	K2-Oxalate
Citrate Phosphate Dextrose (CPD)	Na-EDTA	K2-Oxalate, NaF
Citrate Phosphate Dextrose Adenosine-1 (CPDA-1)	Li-Heparin	NaF
Na-Citrate	Na-Heparin	

Whole Blood: Donor

Gender-specific Whole Blood may be available at an additional charge. Please inquire.

Species	Anticoagulant	Cat. No.	50 ml	100 ml	500 ml	1 Liter
Beagle	ACD	7200501	\$ 114.00	\$ 188.00	\$ 792.00	\$ 1,546.50
	Alsevers	7200503	\$ 114.00	\$ 188.00	\$ 792.00	\$ 1,546.50
	CPD	7200504	\$ 114.00	\$ 188.00	\$ 792.00	\$ 1,546.50
	Na-Citrate	7200506	\$ 114.00	\$ 188.00	\$ 792.00	\$ 1,546.50
	K2-EDTA	7200507	\$ 114.00	\$ 188.00	\$ 792.00	\$ 1,546.50
	K3-EDTA	7200508	\$ 114.00	\$ 188.00	\$ 792.00	\$ 1,546.50
	Na-EDTA	7200509	\$ 114.00	\$ 188.00	\$ 792.00	\$ 1,546.50
	Na-Heparin	7200511	\$ 114.00	\$ 188.00	\$ 792.00	\$ 1,546.50
Bovine	ACD	7200801	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Alsevers	7200803	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	CPD	7200804	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Na-Citrate	7200806	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	K2-EDTA	7200807	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	K3-EDTA	7200808	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Na-EDTA	7200809	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Na-Heparin	7200811	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
Calf	ACD	7201101	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Alsevers	7201103	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	CPD	7201104	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Na-Citrate	7201106	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	K2-EDTA	7201107	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	K3-EDTA	7201108	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Na-EDTA	7201109	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Na-Heparin	7201111	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
Chicken	ACD	7201401	\$ 33.00	\$ 55.00	\$ 247.50	\$ 440.00
	Alsevers	7201403	\$ 33.00	\$ 55.00	\$ 247.50	\$ 440.00
	CPD	7201404	\$ 33.00	\$ 55.00	\$ 247.50	\$ 440.00
	Na-Citrate	7201406	\$ 33.00	\$ 55.00	\$ 247.50	\$ 440.00
	K2-EDTA	7201407	\$ 33.00	\$ 55.00	\$ 247.50	\$ 440.00
	K3-EDTA	7201408	\$ 33.00	\$ 55.00	\$ 247.50	\$ 440.00
	Na-EDTA	7201409	\$ 33.00	\$ 55.00	\$ 247.50	\$ 440.00
	Na-Heparin	7201411	\$ 33.00	\$ 55.00	\$ 247.50	\$ 440.00

Whole Blood: Donor - continued

Species	Anticoagulant	Cat. No.	50 ml	100 ml	500 ml	1 Liter
Cynomolgus	ACD	7201501	\$ 393.00	\$ 823.00	\$ 4035.00	\$ 7,860.00
	Alsevers	7201503	\$ 393.00	\$ 823.00	\$ 4035.00	\$ 7,860.00
	CPD	7201504	\$ 393.00	\$ 823.00	\$ 4035.00	\$ 7,860.00
	Na-Citrate	7201506	\$ 393.00	\$ 823.00	\$ 4035.00	\$ 7,860.00
	K2-EDTA	7201507	\$ 393.00	\$ 823.00	\$ 4035.00	\$ 7,860.00
	K3-EDTA	7201508	\$ 393.00	\$ 823.00	\$ 4035.00	\$ 7,860.00
	Na-EDTA	7201509	\$ 393.00	\$ 823.00	\$ 4035.00	\$ 7,860.00
	Na-Heparin	7201511	\$ 393.00	\$ 823.00	\$ 4035.00	\$ 7,860.00
Dog	ACD	7201801	\$ 109.00	\$ 180.00	\$ 741.50	\$ 1,436.00
	Alsevers	7201803	\$ 109.00	\$ 180.00	\$ 741.50	\$ 1,436.00
	CPD	7201804	\$ 109.00	\$ 180.00	\$ 741.50	\$ 1,436.00
	Na-Citrate	7201806	\$ 109.00	\$ 180.00	\$ 741.50	\$ 1,436.00
	K2-EDTA	7201807	\$ 109.00	\$ 180.00	\$ 741.50	\$ 1,436.00
	K3-EDTA	7201808	\$ 109.00	\$ 180.00	\$ 741.50	\$ 1,436.00
	Na-EDTA	7201809	\$ 109.00	\$ 180.00	\$ 741.50	\$ 1,436.00
	Na-Heparin	7201811	\$ 109.00	\$ 180.00	\$ 741.50	\$ 1,436.00
Donkey	ACD	7202101	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Alsevers	7202103	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	CPD	7202104	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Na-Citrate	7202106	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	K2-EDTA	7202107	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	K3-EDTA	7202108	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Na-EDTA	7202109	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Na-Heparin	7202111	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
Goat	ACD	7202501	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Alsevers	7202503	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	CPD	7202504	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Na-Citrate	7202506	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	K2-EDTA	7202507	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	K3-EDTA	7202508	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Na-EDTA	7202509	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Na-Heparin	7202511	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
Goose	ACD	7202801	\$ 44.00	\$ 82.50	\$ 385.00	\$ 715.00
	Alsevers	7202803	\$ 44.00	\$ 82.50	\$ 385.00	\$ 715.00
	CPD	7202804	\$ 44.00	\$ 82.50	\$ 385.00	\$ 715.00
	Na-Citrate	7202806	\$ 44.00	\$ 82.50	\$ 385.00	\$ 715.00
	K2-EDTA	7202807	\$ 44.00	\$ 82.50	\$ 385.00	\$ 715.00
	K3-EDTA	7202808	\$ 44.00	\$ 82.50	\$ 385.00	\$ 715.00
	Na-EDTA	7202809	\$ 44.00	\$ 82.50	\$ 385.00	\$ 715.00
	Na-Heparin	7202811	\$ 44.00	\$ 82.50	\$ 385.00	\$ 715.00
Guinea Pig	ACD	7203101	\$ 120.00	\$ 190.00	\$ 835.00	\$ 1,565.50
	Alsevers	7203103	\$ 120.00	\$ 190.00	\$ 835.00	\$ 1,565.50
	CPD	7203104	\$ 120.00	\$ 190.00	\$ 835.00	\$ 1,565.50
	Na-Citrate	7203106	\$ 120.00	\$ 190.00	\$ 835.00	\$ 1,565.50
	K2-EDTA	7203107	\$ 120.00	\$ 190.00	\$ 835.00	\$ 1,565.50
	K3-EDTA	7203108	\$ 120.00	\$ 190.00	\$ 835.00	\$ 1,565.50
	Na-EDTA	7203109	\$ 120.00	\$ 190.00	\$ 835.00	\$ 1,565.50
	Na-Heparin	7203111	\$ 120.00	\$ 190.00	\$ 835.00	\$ 1,565.50

Whole Blood: Donor - continued

Species	Anticoagulant	Cat. No.	50 ml	100 ml	500 ml	1 Liter
Horse	ACD	7203401	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Alsevers	7203403	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	CPD	7203404	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Na-Citrate	7203406	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	K2-EDTA	7203407	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	K3-EDTA	7203408	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Na-EDTA	7203409	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Na-Heparin	7203411	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
Mini Pig	ACD	7205201	\$ 412.50	\$ 770.00	\$ 3,300.00	Inquire
	Alsevers	7205203	\$ 412.50	\$ 770.00	\$ 3,300.00	Inquire
	CPD	7205204	\$ 412.50	\$ 770.00	\$ 3,300.00	Inquire
	Na-Citrate	7205206	\$ 412.50	\$ 770.00	\$ 3,300.00	Inquire
	K2-EDTA	7205207	\$ 412.50	\$ 770.00	\$ 3,300.00	Inquire
	K3-EDTA	7205208	\$ 412.50	\$ 770.00	\$ 3,300.00	Inquire
	Na-EDTA	7205209	\$ 412.50	\$ 770.00	\$ 3,300.00	Inquire
	Na-Heparin	7205211	\$ 412.50	\$ 770.00	\$ 3,300.00	Inquire
Mouse* (Strain Unspecified)	ACD	7204301	\$ 165.00	\$ 313.50	\$ 1,512.50	\$ 2,915.00
	Alsevers	7204303	\$ 165.00	\$ 313.50	\$ 1,512.50	\$ 2,915.00
	CPD	7204304	\$ 165.00	\$ 313.50	\$ 1,512.50	\$ 2,915.00
	Na-Citrate	7204306	\$ 165.00	\$ 313.50	\$ 1,512.50	\$ 2,915.00
	K2-EDTA	7204307	\$ 165.00	\$ 313.50	\$ 1,512.50	\$ 2,915.00
	K3-EDTA	7204308	\$ 165.00	\$ 313.50	\$ 1,512.50	\$ 2,915.00
	Na-EDTA	7204309	\$ 165.00	\$ 313.50	\$ 1,512.50	\$ 2,915.00
	Na-Heparin	7204311	\$ 165.00	\$ 313.50	\$ 1,512.50	\$ 2,915.00
Porcine	ACD	7204901	\$ 23.00	\$ 29.75	\$ 65.25	\$ 96.25
	Alsevers	7204903	\$ 23.00	\$ 29.75	\$ 65.25	\$ 96.25
	CPD	7204904	\$ 23.00	\$ 29.75	\$ 65.25	\$ 96.25
	Na-Citrate	7204906	\$ 23.00	\$ 29.75	\$ 65.25	\$ 96.25
	K2-EDTA	7204907	\$ 23.00	\$ 29.75	\$ 65.25	\$ 96.25
	K3-EDTA	7204908	\$ 23.00	\$ 29.75	\$ 65.25	\$ 96.25
	Na-EDTA	7204909	\$ 23.00	\$ 29.75	\$ 65.25	\$ 96.25
	Na-Heparin	7204911	\$ 23.00	\$ 29.75	\$ 65.25	\$ 96.25
Rabbit	ACD	7206401	\$ 95.00	\$ 146.50	\$ 581.50	\$ 1,120.50
	Alsevers	7206403	\$ 95.00	\$ 146.50	\$ 581.50	\$ 1,120.50
	CPD	7206404	\$ 95.00	\$ 146.50	\$ 581.50	\$ 1,120.50
	Na-Citrate	7206406	\$ 95.00	\$ 146.50	\$ 581.50	\$ 1,120.50
	K2-EDTA	7206407	\$ 95.00	\$ 146.50	\$ 581.50	\$ 1,120.50
	K3-EDTA	7206408	\$ 95.00	\$ 146.50	\$ 581.50	\$ 1,120.50
	Na-EDTA	7206409	\$ 95.00	\$ 146.50	\$ 581.50	\$ 1,120.50
	Na-Heparin	7206411	\$ 95.00	\$ 146.50	\$ 581.50	\$ 1,120.50
Rat** (Strain Unspecified)	ACD	7207001	\$ 109.00	\$ 178.25	\$ 728.50	\$ 1,443.00
	Alsevers	7207003	\$ 109.00	\$ 178.25	\$ 728.50	\$ 1,443.00
	CPD	7207004	\$ 109.00	\$ 178.25	\$ 728.50	\$ 1,443.00
	Na-Citrate	7207006	\$ 109.00	\$ 178.25	\$ 728.50	\$ 1,443.00
	K2-EDTA	7207007	\$ 109.00	\$ 178.25	\$ 728.50	\$ 1,443.00
	K3-EDTA	7207008	\$ 109.00	\$ 178.25	\$ 728.50	\$ 1,443.00
	Na-EDTA	7207009	\$ 109.00	\$ 178.25	\$ 728.50	\$ 1,443.00
	Na-Heparin	7207011	\$ 109.00	\$ 178.25	\$ 728.50	\$ 1,443.00

* Available Mouse Strains include Non-Swiss Albino, Balb/C, C57 and ICR(CD-1). Please inquire.

** Available Rat Strains include Sprague Dawley, Lewis, Fisher 344 (F344) and Wistar. Please inquire.



LAMPIRE

BIOLOGICAL LABORATORIES Tel: 215.795.2838 www.lampire.com lampire@lampire.com

Whole Blood: Donor - continued

Species	Anticoagulant	Cat. No.	50 ml	100 ml	500 ml	1 Liter
Rhesus	ACD	7208501	\$ 393.00	\$ 823.00	\$ 4,035.00	\$ 7,860.00
	Alsevers	7208503	\$ 393.00	\$ 823.00	\$ 4,035.00	\$ 7,860.00
	CPD	7208504	\$ 393.00	\$ 823.00	\$ 4,035.00	\$ 7,860.00
	Na-Citrate	7208506	\$ 393.00	\$ 823.00	\$ 4,035.00	\$ 7,860.00
	K2-EDTA	7208507	\$ 393.00	\$ 823.00	\$ 4,035.00	\$ 7,860.00
	K3-EDTA	7208508	\$ 393.00	\$ 823.00	\$ 4,035.00	\$ 7,860.00
	Na-EDTA	7208509	\$ 393.00	\$ 823.00	\$ 4,035.00	\$ 7,860.00
	Na-Heparin	7208511	\$ 393.00	\$ 823.00	\$ 4,035.00	\$ 7,860.00
Rooster	ACD	7208801	\$ 33.00	\$ 55.00	\$ 247.50	\$ 440.00
	Alsevers	7208803	\$ 33.00	\$ 55.00	\$ 247.50	\$ 440.00
	CPD	7208804	\$ 33.00	\$ 55.00	\$ 247.50	\$ 440.00
	Na-Citrate	7208806	\$ 33.00	\$ 55.00	\$ 247.50	\$ 440.00
	K2-EDTA	7208807	\$ 33.00	\$ 55.00	\$ 247.50	\$ 440.00
	K3-EDTA	7208808	\$ 33.00	\$ 55.00	\$ 247.50	\$ 440.00
	Na-EDTA	7208809	\$ 33.00	\$ 55.00	\$ 247.50	\$ 440.00
	Na-Heparin	7208811	\$ 33.00	\$ 55.00	\$ 247.50	\$ 440.00
Sheep	ACD	7209001	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Alsevers	7209003	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	CPD	7209004	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Na-Citrate	7209006	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	K2-EDTA	7209007	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	K3-EDTA	7209008	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Na-EDTA	7209009	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Na-Heparin	7209011	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
Turkey	ACD	7209401	\$ 38.50	\$ 55.00	\$ 181.50	\$ 291.50
	Alsevers	7209403	\$ 38.50	\$ 55.00	\$ 181.50	\$ 291.50
	CPD	7209404	\$ 38.50	\$ 55.00	\$ 181.50	\$ 291.50
	Na-Citrate	7209406	\$ 38.50	\$ 55.00	\$ 181.50	\$ 291.50
	K2-EDTA	7209407	\$ 38.50	\$ 55.00	\$ 181.50	\$ 291.50
	K3-EDTA	7209408	\$ 38.50	\$ 55.00	\$ 181.50	\$ 291.50
	Na-EDTA	7209409	\$ 38.50	\$ 55.00	\$ 181.50	\$ 291.50
	Na-Heparin	7209411	\$ 38.50	\$ 55.00	\$ 181.50	\$ 291.50

Whole Blood Hematology Controls: Donor

Anticoagulants other than Alsevers may be available. Please inquire.

(Note: An additional charge may apply for all species other than Goat.)

Species	Anticoagulant	Cat. No.	50 ml	100 ml	500 ml	1 Liter
Alligator	Alsevers	7200103	N/A	N/A	\$ 192.50	\$ 374.00
Emu	Alsevers	7202203	\$ 302.50	\$ 495.00	\$ 2,337.50	\$ 4,400.00
Goat	Alsevers	7202503	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
Trout	Alsevers	7209303	N/A	\$ 1,100.00	\$ 4,675.00	\$ 7,920.00

Serum Complement: Donor

Other species available. Please inquire for availability & pricing.

Species	Source	Format	Cat. No.	50 ml	100 ml	500 ml	1 Liter	5 Liter
Guinea Pig	Domestic	Liquid	7243150	\$ 55.00	\$105.00	\$ 525.00	Inquire	Inquire
		Lyophilized	7243151	Inquire	Inquire	\$ 330.00	\$ 640.00	\$ 3150.00
	Non-Domestic	Liquid	7243152	Inquire	Inquire	\$ 330.00	\$ 640.00	\$ 3150.00
Rabbit	Domestic	Liquid	7246450	\$ 37.50	\$ 70.00	\$ 350.00	Inquire	Inquire



Defibrinated, Lysed, Laked Blood: Donor

Species	Format	Cat. No.	50 ml	100 ml	500 ml	1 Liter
Bovine	Defibrinated	7230801	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
Horse	Defibrinated	7233401	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50
	Lysed	7233402	\$ 27.50	\$ 33.00	\$ 44.00	\$ 77.00
	Laked	7233403	\$ 41.25	\$ 46.75	\$ 60.50	\$ 110.00
Rabbit	Defibrinated	7236401	\$ 93.50	\$ 141.00	Inquire	Inquire
Sheep	Defibrinated	7239001	\$ 13.75	\$ 21.00	\$ 33.00	\$ 49.50

Washed, Pooled Red Blood Cells: Donor

RBC's are collected, washed, and resuspended in alsevers. 1% (v/v) Penicillin Streptomycin added to finished product.

Species	Suspension	Cat. No.	15 ml	30 ml	50ml	100 ml
Bovine	100%	7240807	\$ 38.00	\$ 49.50	\$ 68.50	\$ 95.00
	10%	7240808	\$ 18.50	\$ 27.50	\$ 37.50	\$ 55.00
	5%	7240809	\$ 18.50	\$ 25.00	\$ 31.00	\$ 40.00
Chicken	100%	7241407	\$ 100.00	\$ 200.00	\$ 300.00	\$ 528.00
	10%	7241408	\$ 22.50	\$ 32.00	\$ 45.00	\$ 60.00
	5%	7241409	\$ 22.50	\$ 30.00	\$ 37.00	\$ 55.00
Goat	100%	7242507	\$ 38.00	\$ 49.50	\$ 68.50	\$ 88.00
	10%	7242508	\$ 18.50	\$ 27.50	\$ 37.50	\$ 55.00
	5%	7242509	\$ 18.50	\$ 25.00	\$ 31.00	\$ 40.00
Goose	100%	7242807	\$ 148.50	\$ 280.00	\$ 450.00	\$ 800.00
	10%	7242808	\$ 18.50	\$ 30.00	\$ 37.50	\$ 85.00
	5%	7242809	\$ 18.50	\$ 25.00	\$ 31.00	\$ 50.00
Guinea Pig	100%	7243107	\$ 342.00	\$ 670.00	\$ 1000.00	\$ 1850.00
	10%	7243108	\$ 37.00	\$ 70.00	\$ 114.00	\$ 200.00
	5%	7243109	\$ 27.50	\$ 49.50	\$ 68.50	\$ 94.00
Horse	100%	7243407	\$ 38.00	\$ 75.00	\$ 68.50	\$ 88.00
	10%	7243408	\$ 18.50	\$ 27.50	\$ 37.50	\$ 55.00
	5%	7243409	\$ 18.50	\$ 25.00	\$ 31.00	\$ 40.00
Porcine	100%	7244907	\$ 72.00	\$ 75.00	\$ 80.00	\$ 115.00
	10%	7244908	\$ 22.50	\$ 32.00	\$ 45.00	\$ 60.00
	5%	7244909	\$ 22.50	\$ 30.00	\$ 37.00	\$ 45.00
Rabbit	100%	7246407	\$ 265.00	\$ 500.00	\$ 700.00	\$ 1300.00
	10%	7246408	\$ 30.00	\$ 55.00	\$ 85.00	\$ 135.00
	5%	7246409	\$ 22.50	\$ 30.00	\$ 45.00	\$ 70.00
Rooster	100%	7248807	\$ 100.00	\$ 200.00	\$ 300.00	\$ 528.00
	10%	7248808	\$ 22.50	\$ 32.00	\$ 45.00	\$ 60.00
	5%	7248809	\$ 22.50	\$ 30.00	\$ 37.00	\$ 55.00
Sheep	100%	7249007	\$ 38.00	\$ 49.50	\$ 68.50	\$ 88.00
	10%	7249008	\$ 18.50	\$ 27.50	\$ 37.50	\$ 55.00
	5%	7249009	\$ 18.50	\$ 25.00	\$ 31.00	\$ 40.00
Turkey	100%	7249407	\$ 100.00	\$ 200.00	\$ 210.00	\$ 350.00
	10%	7249408	\$ 18.50	\$ 27.50	\$ 37.50	\$ 55.00
	5%	7249409	\$ 18.50	\$ 25.00	\$ 31.00	\$ 40.00

Control Sera & Plasma/Blank Matrices: Donor

Control Sera & Plasma are unfiltered and are obtained from healthy, adult animals. For all species other than Rat, the animals are fasted prior to collection. Plasma is collected in the anticoagulants listed in the following tables. (For a complete list of anticoagulants, see page 9.) Serum is collected off the clot.

Beagle Sera and Plasma - Unfiltered

Strain/Breed	Gender	Format	Anticoagulant	Cat. No.	25 ml	50 ml	100 ml	500 ml	
Beagle	Not Specified	Serum	N/A	7360500	\$ 49.50	\$ 95.00	\$ 184.80	\$ 880.00	
		Plasma	Na-Citrate	7340506	\$ 49.50	\$ 95.00	\$ 184.80	\$ 880.00	
			K2-EDTA	7340507	\$ 49.50	\$ 95.00	\$ 184.80	\$ 880.00	
			K3-EDTA	7340508	\$ 49.50	\$ 95.00	\$ 184.80	\$ 880.00	
			Na-EDTA	7340509	\$ 49.50	\$ 95.00	\$ 184.80	\$ 880.00	
			Li-Heparin	7340510	\$ 49.50	\$ 95.00	\$ 184.80	\$ 880.00	
			Na-Heparin	7340511	\$ 49.50	\$ 95.00	\$ 184.80	\$ 880.00	
	Female	Serum	N/A	7360600	\$ 60.50	\$ 108.00	\$ 203.50	\$ 935.00	
			Plasma	Na-Citrate	7340606	\$ 86.00	\$ 153.50	\$ 289.50	\$ 1,329.50
				K2-EDTA	7340607	\$ 86.00	\$ 153.50	\$ 289.50	\$ 1,329.50
				K3-EDTA	7340608	\$ 86.00	\$ 153.50	\$ 289.50	\$ 1,329.50
				Na-EDTA	7340609	\$ 86.00	\$ 153.50	\$ 289.50	\$ 1,329.50
				Li-Heparin	7340610	\$ 86.00	\$ 153.50	\$ 289.50	\$ 1,329.50
				Na-Heparin	7340611	\$ 86.00	\$ 153.50	\$ 289.50	\$ 1,329.50
		Male	Serum	N/A	7360700	\$ 60.50	\$ 108.00	\$ 203.50	\$ 935.00
				Plasma	Na-Citrate	7340706	\$ 86.00	\$ 153.50	\$ 289.50
					K2-EDTA	7340707	\$ 86.00	\$ 153.50	\$ 289.50
				K3-EDTA	7340708	\$ 86.00	\$ 153.50	\$ 289.50	\$ 1,329.50
			Na-EDTA	7340709	\$ 86.00	\$ 153.50	\$ 289.50	\$ 1,329.50	
			Li-Heparin	7340710	\$ 86.00	\$ 153.50	\$ 289.50	\$ 1,329.50	
			Na-Heparin	7340711	\$ 86.00	\$ 153.50	\$ 289.50	\$ 1,329.50	

Canine Sera and Plasma - Unfiltered

Strain/Breed	Gender	Format	Anticoagulant	Cat. No.	25 ml	50 ml	100 ml	500 ml	
Canine	Not Specified	Serum	N/A	7361800	\$ 30.00	\$ 51.75	\$ 99.00	\$ 467.50	
		Plasma	Na-Citrate	7341806	\$ 30.00	\$ 51.75	\$ 99.00	\$ 467.50	
			K2-EDTA	7341807	\$ 30.00	\$ 51.75	\$ 99.00	\$ 467.50	
			K3-EDTA	7341808	\$ 30.00	\$ 51.75	\$ 99.00	\$ 467.50	
			Na-EDTA	7341809	\$ 30.00	\$ 51.75	\$ 99.00	\$ 467.50	
			Li-Heparin	7341810	\$ 30.00	\$ 51.75	\$ 99.00	\$ 467.50	
			Na-Heparin	7341811	\$ 30.00	\$ 51.75	\$ 99.00	\$ 467.50	
	Female	Serum	N/A	7361900	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00	
			Plasma	Na-Citrate	7341906	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00
				K2-EDTA	7341907	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00
				K3-EDTA	7341908	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00
				Na-EDTA	7341909	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00
				Li-Heparin	7341910	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00
				Na-Heparin	7341911	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00
		Male	Serum	N/A	7362000	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00
	Plasma			Na-Citrate	7342006	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00
				K2-EDTA	7342007	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00
				K3-EDTA	7342008	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00
			Na-EDTA	7342009	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00	
			Li-Heparin	7342010	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00	
			Na-Heparin	7342011	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00	

Control Sera & Plasma/Blank Matrices: Donor - continued

Mouse Sera and Plasma - Unfiltered

Strain/Breed	Gender	Format	Anticoagulant	Cat. No.	25 ml	50 ml	100 ml	500 ml
Non-Swiss Albino	Not Specified	Serum	N/A	7364600	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00
		Plasma	Na-Citrate	7344606	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00
			K2-EDTA	7344607	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00
			K3-EDTA	7344608	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00
			Na-EDTA	7344609	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00
			Li-Heparin	7344610	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00
	Female	Serum	N/A	7364700	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00
		Plasma	Na-Citrate	7344706	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00
			K2-EDTA	7344707	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00
			K3-EDTA	7344708	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00
			Na-EDTA	7344709	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00
			Li-Heparin	7344710	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00
Male	Serum	N/A	7364800	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00	
	Plasma	Na-Citrate	7344806	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00	
		K2-EDTA	7344807	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00	
		K3-EDTA	7344808	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00	
		Na-EDTA	7344809	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00	
		Li-Heparin	7344810	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00	
		Na-Heparin	7344811	\$ 35.50	\$ 66.00	\$ 127.75	\$ 605.00	

Other available mouse strains include Balb/C, C57, and ICR (CD-1). Please inquire.

Porcine Sera and Plasma - Unfiltered

Strain/Breed	Gender	Format	Anticoagulant	Cat. No.	25 ml	50 ml	100 ml	500 ml
Goettingen	Not	Serum	N/A	7365200	\$ 278.00	\$ 494.50	\$ 926.75	\$ 4,015.75
Mini Pig	Specified	Plasma	Na-Citrate	7345206	\$ 278.00	\$ 494.50	\$ 926.75	\$ 4,015.75
			K2-EDTA	7345207	\$ 278.00	\$ 494.50	\$ 926.75	\$ 4,015.75
			K3-EDTA	7345208	\$ 278.00	\$ 494.50	\$ 926.75	\$ 4,015.75
			Na-EDTA	7345209	\$ 278.00	\$ 494.50	\$ 926.75	\$ 4,015.75
			Li-Heparin	7345210	\$ 278.00	\$ 494.50	\$ 926.75	\$ 4,015.75
			Na-Heparin	7345211	\$ 278.00	\$ 494.50	\$ 926.75	\$ 4,015.75

Gender-specific Serum and Plasma may be available upon request.
Other available strains include Hanford, Sinclair, and Yucatan. Please inquire.

Primate Sera and Plasma - Unfiltered

Strain/Breed	Gender	Format	Anticoagulant	Cat. No.	25 ml	50 ml	100 ml	500 ml
Cynomolgus	Not Specified	Serum	N/A	7361500	\$178.50	\$ 348.75	\$ 346.50	\$ 3,300.00
		Plasma	Na-Citrate	7341506	\$178.50	\$ 348.75	\$ 693.00	\$ 3,300.00
			K2-EDTA	7341507	\$178.50	\$ 348.75	\$ 693.00	\$ 3,300.00
			K3-EDTA	7341508	\$178.50	\$ 348.75	\$ 693.00	\$ 3,300.00
			Na-EDTA	7341509	\$178.50	\$ 348.75	\$ 693.00	\$ 3,300.00
			Li-Heparin	7341510	\$178.50	\$ 348.75	\$ 693.00	\$ 3,300.00
	Female	Serum	N/A	7361600	\$203.50	\$ 407.00	\$ 814.00	\$ 3,850.00
		Plasma	Na-Citrate	7341606	\$203.50	\$ 407.00	\$ 814.00	\$ 3,850.00
			K2-EDTA	7341607	\$203.50	\$ 407.00	\$ 814.00	\$ 3,850.00
			K3-EDTA	7341608	\$203.50	\$ 407.00	\$ 814.00	\$ 3,850.00
			Na-EDTA	7341609	\$203.50	\$ 407.00	\$ 814.00	\$ 3,850.00
			Li-Heparin	7341610	\$203.50	\$ 407.00	\$ 814.00	\$ 3,850.00
		Na-Heparin	7341611	\$203.50	\$ 407.00	\$ 814.00	\$ 3,850.00	



LAMPIRE

BIOLOGICAL LABORATORIES Tel: 215.795.2838 www.lampire.com lampire@lampire.com

Control Sera & Plasma/Blank Matrices: Donor - continued

Primate Sera and Plasma - Unfiltered - continued

Strain/Breed	Gender	Format	Anticoagulant	Cat. No.	25 ml	50 ml	100 ml	500 ml	
Cynomolgus	Male	Serum	N/A	7361700	\$ 203.50	\$ 407.00	\$ 814.00	\$ 3,850.00	
		Plasma	Na-Citrate	7341706	\$ 203.50	\$ 407.00	\$ 814.00	\$ 3,850.00	
			K2-EDTA	7341707	\$ 203.50	\$ 407.00	\$ 814.00	\$ 3,850.00	
			K3-EDTA	7341708	\$ 203.50	\$ 407.00	\$ 814.00	\$ 3,850.00	
			Na-EDTA	7341709	\$ 203.50	\$ 407.00	\$ 814.00	\$ 3,850.00	
			Li-Heparin	7341710	\$ 203.50	\$ 407.00	\$ 814.00	\$ 3,850.00	
			Na-Heparin	7341711	\$ 203.50	\$ 407.00	\$ 814.00	\$ 3,850.00	
	Rhesus	Not Specified	Serum	N/A	7368500	\$ 178.25	\$ 346.50	\$ 693.00	\$ 3,300.00
			Plasma	Na-Citrate	7348506	\$ 178.25	\$ 346.50	\$ 693.00	\$ 3,300.00
				K2-EDTA	7348507	\$ 178.25	\$ 346.50	\$ 693.00	\$ 3,300.00
			K3-EDTA	7348508	\$ 178.25	\$ 346.50	\$ 693.00	\$ 3,300.00	
			Na-EDTA	7348509	\$ 178.25	\$ 346.50	\$ 693.00	\$ 3,300.00	
			Li-Heparin	7348510	\$ 178.25	\$ 346.50	\$ 693.00	\$ 3,300.00	
			Na-Heparin	7348511	\$ 178.25	\$ 346.50	\$ 693.00	\$ 3,300.00	
Female		Serum	N/A	7368600	\$ 203.50	\$ 407.00	\$ 814.00	\$ 3,850.00	
			Plasma	Na-Citrate	7348606	\$ 203.50	\$ 407.00	\$ 814.00	\$ 3,850.00
				K2-EDTA	7348607	\$ 203.50	\$ 407.00	\$ 814.00	\$ 3,850.00
				K3-EDTA	7348608	\$ 203.50	\$ 407.00	\$ 814.00	\$ 3,850.00
				Na-EDTA	7348609	\$ 203.50	\$ 407.00	\$ 814.00	\$ 3,850.00
				Li-Heparin	7348610	\$ 203.50	\$ 407.00	\$ 814.00	\$ 3,850.00
				Na-Heparin	7348611	\$ 203.50	\$ 407.00	\$ 814.00	\$ 3,850.00
		Male	Serum	N/A	7368700	\$ 203.50	\$ 407.00	\$ 814.00	\$ 3,850.00
Plasma				Na-Citrate	7348706	\$ 203.50	\$ 407.00	\$ 814.00	\$ 3,850.00
				K2-EDTA	7348707	\$ 203.50	\$ 407.00	\$ 814.00	\$ 3,850.00
				K3-EDTA	7348708	\$ 203.50	\$ 407.00	\$ 814.00	\$ 3,850.00
				Na-EDTA	7348709	\$ 203.50	\$ 407.00	\$ 814.00	\$ 3,850.00
				Li-Heparin	7348710	\$ 203.50	\$ 407.00	\$ 814.00	\$ 3,850.00
			Na-Heparin	7348711	\$ 203.50	\$ 407.00	\$ 814.00	\$ 3,850.00	

Rat Sera and Plasma - Unfiltered

Strain/Breed	Gender	Format	Anticoagulant	Cat. No.	25 ml	50 ml	100 ml	500 ml
Fisher 344	Not Specified	Serum	N/A	7367300	\$ 50.75	\$ 102.50	\$ 181.50	\$ 715.00
		Plasma	Na-Citrate	7347306	\$ 50.75	\$ 102.50	\$ 181.50	\$ 715.00
			K2-EDTA	7347307	\$ 50.75	\$ 102.50	\$ 181.50	\$ 715.00
			K3-EDTA	7347308	\$ 50.75	\$ 102.50	\$ 181.50	\$ 715.00
			Na-EDTA	7347309	\$ 50.75	\$ 102.50	\$ 181.50	\$ 715.00
			Li-Heparin	7347310	\$ 50.75	\$ 102.50	\$ 181.50	\$ 715.00
			Na-Heparin	7347311	\$ 50.75	\$ 102.50	\$ 181.50	\$ 715.00

Gender-specific Serum and Plasma may be available upon request. Please inquire.

Lewis	Not Specified	Serum	N/A	7367600	Inquire	Inquire	Inquire	Inquire
		Plasma	Na-Citrate	7347606	\$184.00	\$ 315.75	\$ 580.00	\$ 2,685.00
			K2-EDTA	7347607	\$184.00	\$ 315.75	\$ 580.00	\$ 2,685.00
			K3-EDTA	7347608	\$184.00	\$ 315.75	\$ 580.00	\$ 2,685.00
			Na-EDTA	7347609	\$184.00	\$ 315.75	\$ 580.00	\$ 2,685.00
			Li-Heparin	7347610	\$184.00	\$ 315.75	\$ 580.00	\$ 2,685.00
			Na-Heparin	7347611	\$184.00	\$ 315.75	\$ 580.00	\$ 2,685.00

Gender-specific Serum and Plasma may be available upon request. Please inquire.

Control Sera & Plasma/Blank Matrices: Donor - continued

Rat Sera and Plasma - Unfiltered - continued

Strain/Breed	Gender	Format	Anticoagulant	Cat. No.	25 ml	50 ml	100 ml	500 ml	
Sprague-Dawley	Not Specified	Serum	N/A	7367900	\$ 21.00	\$ 37.50	\$ 69.50	\$ 324.50	
		Plasma	Na-Citrate	7347906	\$ 21.00	\$ 37.50	\$ 69.50	\$ 324.50	
			K2-EDTA	7347907	\$ 21.00	\$ 37.50	\$ 69.50	\$ 324.50	
			K3-EDTA	7347908	\$ 21.00	\$ 37.50	\$ 69.50	\$ 324.50	
			Na-EDTA	7347909	\$ 21.00	\$ 37.50	\$ 69.50	\$ 324.50	
			Li-Heparin	7347910	\$ 21.00	\$ 37.50	\$ 69.50	\$ 324.50	
	Na-Heparin	7347911	\$ 21.00	\$ 37.50	\$ 69.50	\$ 324.50			
	Female	Serum	N/A	7368000	\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00	
			Plasma	Na-Citrate	7348006	\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00
		K2-EDTA		7348007	\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00	
		K3-EDTA		7348008	\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00	
		Na-EDTA		7348009	\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00	
		Li-Heparin		7348010	\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00	
		Na-Heparin	7348011	\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00		
		Male	Serum	N/A	7368100	\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00
				Plasma	Na-Citrate	7348106	\$ 35.25	\$ 66.00	\$ 127.75
			K2-EDTA		7348107	\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00
			K3-EDTA		7348108	\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00
			Na-EDTA		7348109	\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00
			Li-Heparin		7348110	\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00
Na-Heparin			7348111		\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00	
Wistar	Not Specified		Serum	N/A	7368200	\$ 21.00	\$ 37.50	\$ 69.50	\$ 324.50
		Plasma	Na-Citrate	7348206	\$ 21.00	\$ 37.50	\$ 69.50	\$ 324.50	
			K2-EDTA	7348207	\$ 21.00	\$ 37.50	\$ 69.50	\$ 324.50	
			K3-EDTA	7348208	\$ 21.00	\$ 37.50	\$ 69.50	\$ 324.50	
			Na-EDTA	7348209	\$ 21.00	\$ 37.50	\$ 69.50	\$ 324.50	
			Li-Heparin	7348210	\$ 21.00	\$ 37.50	\$ 69.50	\$ 324.50	
	Na-Heparin	7348211	\$ 21.00	\$ 37.50	\$ 69.50	\$ 324.50			
	Female	Serum	N/A	7368300	\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00	
			Plasma	Na-Citrate	7348306	\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00
		K2-EDTA		7348307	\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00	
		K3-EDTA		7348308	\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00	
		Na-EDTA		7348309	\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00	
		Li-Heparin		7348310	\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00	
		Na-Heparin	7348311	\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00		
		Male	Serum	N/A	7368400	\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00
				Plasma	Na-Citrate	7348406	\$ 35.25	\$ 66.00	\$ 127.75
			K2-EDTA		7348407	\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00
			K3-EDTA		7348408	\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00
			Na-EDTA		7348409	\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00
			Li-Heparin		7348410	\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00
Na-Heparin			7348411		\$ 35.25	\$ 66.00	\$ 127.75	\$ 605.00	

Control Glands, Tissues & Organs: Donor

The products listed here have been specially selected to complement the Control Sera & Plasma - Blank Matrices products found on the preceding pages.

Product	Species	Size	Cat. No.	Price
Adrenal Gland	Guinea Pig	Pair	8653101	Inquire
	Mouse	Pair	8654301	Inquire
	Rat	Pair	8657001	Inquire
Brain	Guinea Pig	Each	8653102	\$ 11.00
	Mouse	Each	8654302	\$ 5.50
	Rat	Each	8657002	\$ 5.50
Eye	Guinea Pig	Each	8653103	Inquire
	Mouse	Each	8654303	Inquire
	Rat	Each	8657003	Inquire
Kidney	Guinea Pig	Each	8653104	Inquire
	Mouse	Each	8654304	\$ 5.50
	Rat	Each	8657004	\$ 5.50
Liver	Guinea Pig	Each	8653105	Inquire
	Mouse	Each	8654305	\$ 5.50
	Rat	Each	8657005	\$ 5.50
Lungs	Guinea Pig	Pair	8653106	Inquire
	Mouse	Pair	8654306	\$ 6.50
	Rat	Pair	8657006	\$ 6.50
Ovaries	Guinea Pig	Pair	8653107	Inquire
	Mouse	Pair	8654307	Inquire
	Rat	Pair	8657007	Inquire
Pancreas	Guinea Pig	Each	8653108	Inquire
	Mouse	Each	8654308	Inquire
	Rat	Each	8657008	Inquire
Pituitary	Guinea Pig	Each	8653109	Inquire
	Mouse	Each	8654309	Inquire
	Rat	Each	8657009	Inquire
Spleen	Guinea Pig	Each	8653110	Inquire
	Mouse	Each	8654310	\$ 5.50
	Rat	Each	8657010	\$ 5.50
Testicle	Guinea Pig	Each	8653111	Inquire
	Mouse	Each	8654311	Inquire
	Rat	Each	8657011	Inquire
Thyroid	Guinea Pig	Each	8653112	Inquire
	Mouse	Each	8654312	Inquire
	Rat	Each	8657012	Inquire
Uterus	Guinea Pig	Each	8653113	Inquire
	Mouse	Each	8654313	Inquire
	Rat	Each	8657013	Inquire

Normal Sera & Plasma: Donor

Normal Sera & Plasma are obtained from healthy, adult animals and are available filtered and unfiltered. Gender-specific Sera & Plasma may be available at an additional charge. Please inquire.

Species	Description	Format	Anticoagulant	Cat. No.	50 ml	100 ml	500 ml	1 Liter			
Beagle	Serum	Filtered	N/A	7330500	\$ 186.00	\$ 330.00	\$ 1,590.00	\$ 3,000.00			
		Unfiltered	N/A	7320500	\$ 94.75	\$ 185.00	\$ 880.00	\$ 1,650.00			
	Plasma	Filtered	Na-Citrate	7310506	\$ 186.00	\$ 330.00	\$ 1,590.00	\$ 3,000.00			
			K2-EDTA	7310507	\$ 186.00	\$ 330.00	\$ 1,590.00	\$ 3,000.00			
			K3-EDTA	7310508	\$ 186.00	\$ 330.00	\$ 1,590.00	\$ 3,000.00			
			Na-EDTA	7310509	\$ 186.00	\$ 330.00	\$ 1,590.00	\$ 3,000.00			
			Li-Heparin	7310510	\$ 186.00	\$ 330.00	\$ 1,590.00	\$ 3,000.00			
			Na-Heparin	7310511	\$ 186.00	\$ 330.00	\$ 1,590.00	\$ 3,000.00			
		Unfiltered	Na-Citrate	7300506	\$ 94.75	\$ 185.00	\$ 880.00	Inquire			
			K2-EDTA	7300507	\$ 94.75	\$ 185.00	\$ 880.00	Inquire			
			K3-EDTA	7300508	\$ 94.75	\$ 185.00	\$ 880.00	Inquire			
			Na-EDTA	7300509	\$ 94.75	\$ 185.00	\$ 880.00	Inquire			
			Li-Heparin	7300510	\$ 94.75	\$ 185.00	\$ 880.00	Inquire			
			Na-Heparin	7300511	\$ 94.75	\$ 185.00	\$ 880.00	Inquire			
			Bovine	Serum	Filtered	N/A	7330800	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50
					Unfiltered	N/A	7320800	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50
				Plasma	Filtered	Na-Citrate	7310806	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50
						K2-EDTA	7310807	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50
K3-EDTA	7310808	\$ 20.00				\$ 28.75	\$ 49.50	\$ 71.50			
Na-EDTA	7310809	\$ 20.00				\$ 28.75	\$ 49.50	\$ 71.50			
Li-Heparin	7310810	\$ 20.00				\$ 28.75	\$ 49.50	\$ 71.50			
Na-Heparin	7310811	\$ 20.00				\$ 28.75	\$ 49.50	\$ 71.50			
Unfiltered	Na-Citrate	7300806			\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			
	K2-EDTA	7300807			\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			
	K3-EDTA	7300808			\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			
	Na-EDTA	7300809			\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			
	Li-Heparin	7300810			\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			
	Na-Heparin	7300811			\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			
	Calf	Serum			Filtered	N/A	7331100	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50
					Unfiltered	N/A	7321100	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50
		Plasma			Filtered	Na-Citrate	7311106	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50
						K2-EDTA	7311107	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50
K3-EDTA			7311108	\$ 20.00		\$ 28.75	\$ 49.50	\$ 71.50			
Na-EDTA			7311109	\$ 20.00		\$ 28.75	\$ 49.50	\$ 71.50			
Li-Heparin			7311110	\$ 20.00		\$ 28.75	\$ 49.50	\$ 71.50			
Na-Heparin			7311111	\$ 20.00		\$ 28.75	\$ 49.50	\$ 71.50			
Unfiltered			Na-Citrate	7301106	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			
			K2-EDTA	7301107	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			
			K3-EDTA	7301108	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			
			Na-EDTA	7301109	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			
			Li-Heparin	7301110	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			
			Na-Heparin	7301111	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			



Normal Sera & Plasma: Donor - continued

Species	Description	Format	Anticoagulant	Cat. No.	50 ml	100 ml	500 ml	1 Liter	
Chicken	Serum	Filtered	N/A	7331400	\$ 55.00	\$ 104.50	\$ 495.00	\$ 962.50	
		Unfiltered	N/A	7321400	\$ 49.50	\$ 93.50	\$ 440.00	\$ 852.50	
	Plasma	Filtered	Na-Citrate	7311406	\$ 55.00	\$ 104.50	\$ 495.00	\$ 962.50	
			K2-EDTA	7311407	\$ 55.00	\$ 104.50	\$ 495.00	\$ 962.50	
			K3-EDTA	7311408	\$ 55.00	\$ 104.50	\$ 495.00	\$ 962.50	
			Na-EDTA	7311409	\$ 55.00	\$ 104.50	\$ 495.00	\$ 962.50	
			Li-Heparin	7311410	\$ 55.00	\$ 104.50	\$ 495.00	\$ 962.50	
			Na-Heparin	7311411	\$ 55.00	\$ 104.50	\$ 495.00	\$ 962.50	
		Unfiltered	Na-Citrate	7301406	\$ 49.50	\$ 93.50	\$ 440.00	\$ 852.50	
			K2-EDTA	7301407	\$ 49.50	\$ 93.50	\$ 440.00	\$ 852.50	
	Cynomolgus	Serum	Filtered	N/A	7331500	\$ 708.00	\$ 1,320.00	\$ 4800.00	Inquire
			Unfiltered	N/A	7321500	\$ 348.75	\$ 693.00	\$ 3300.00	Inquire
		Plasma	Filtered	Na-Citrate	7311506	\$ 708.00	\$ 1,320.00	\$ 4,800.00	Inquire
				K2-EDTA	7311507	\$ 708.00	\$ 1,320.00	\$ 4,800.00	Inquire
K3-EDTA				7311508	\$ 708.00	\$ 1,320.00	\$ 4,800.00	Inquire	
Na-EDTA				7311509	\$ 708.00	\$ 1,320.00	\$ 4,800.00	Inquire	
Li-Heparin				7311510	\$ 708.00	\$ 1,320.00	\$ 4,800.00	Inquire	
Na-Heparin				7311511	\$ 708.00	\$ 1,320.00	\$ 4,800.00	Inquire	
Unfiltered			Na-Citrate	7301506	\$ 348.75	\$ 693.00	\$ 3,300.00	Inquire	
			K2-EDTA	7301507	\$ 348.75	\$ 693.00	\$ 3,300.00	Inquire	
Dog		Serum	Filtered	N/A	7331800	\$ 119.00	\$ 222.00	\$ 1,050.00	\$ 2,040.00
			Unfiltered	N/A	7321800	\$ 51.75	\$ 99.00	\$ 467.50	Inquire
		Plasma	Filtered	Na-Citrate	7311806	\$ 119.00	\$ 222.00	\$ 1,050.00	\$ 3,000.00
				K2-EDTA	7311807	\$ 119.00	\$ 222.00	\$ 1,050.00	\$ 3,000.00
	K3-EDTA			7311808	\$ 119.00	\$ 222.00	\$ 1,050.00	\$ 3,000.00	
	Na-EDTA			7311809	\$ 119.00	\$ 222.00	\$ 1,050.00	\$ 3,000.00	
	Li-Heparin			7311810	\$ 119.00	\$ 222.00	\$ 1,050.00	\$ 3,000.00	
	Na-Heparin			7311811	\$ 119.00	\$ 222.00	\$ 1,050.00	\$ 3,000.00	
	Unfiltered		Na-Citrate	7301806	\$ 51.75	\$ 99.00	\$ 467.50	Inquire	
			K2-EDTA	7301807	\$ 51.75	\$ 99.00	\$ 467.50	Inquire	
	Donkey	Serum	Filtered	N/A	7332100	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50
			Unfiltered	N/A	7322100	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50
		Plasma	Filtered	Na-Citrate	7312106	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50
				K2-EDTA	7312107	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50
K3-EDTA				7312108	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50	
Na-EDTA				7312109	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50	
Li-Heparin				7312110	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50	
Na-Heparin				7312111	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50	

Normal Sera & Plasma: Donor - continued

Species	Description	Format	Anticoagulant	Cat. No.	50 ml	100 ml	500 ml	1 Liter			
Donkey	Plasma	Unfiltered	Na-Citrate	7302106	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			
			K2-EDTA	7302107	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			
			K3-EDTA	7302108	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			
			Na-EDTA	7302109	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			
			Li-Heparin	7302110	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			
			Na-Heparin	7302111	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			
Goat	Serum	Filtered	N/A	7332500	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50			
		Unfiltered	N/A	7322500	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			
	Plasma	Filtered	Na-Citrate	7312506	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50			
			K2-EDTA	7312507	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50			
			K3-EDTA	7312508	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50			
			Na-EDTA	7312509	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50			
			Li-Heparin	7312510	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50			
			Na-Heparin	7312511	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50			
		Unfiltered	Na-Citrate	7302506	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			
			K2-EDTA	7302507	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			
			K3-EDTA	7302508	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			
			Na-EDTA	7302509	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			
			Li-Heparin	7302510	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			
			Na-Heparin	7302511	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50			
			Guinea Pig	Serum	Filtered	N/A	7333100	\$ 120.00	\$ 192.00	\$ 900.00	\$ 1,680.00
					Unfiltered	N/A	7323100	\$ 66.00	\$ 121.00	\$ 577.50	\$ 1,100.00
				Plasma	Filtered	Na-Citrate	7313106	\$ 120.00	\$ 192.00	\$ 900.00	\$ 3,000.00
						K2-EDTA	7313107	\$ 120.00	\$ 192.00	\$ 900.00	\$ 3,000.00
K3-EDTA	7313108	\$ 120.00				\$ 192.00	\$ 900.00	\$ 3,000.00			
Na-EDTA	7313109	\$ 120.00				\$ 192.00	\$ 900.00	\$ 3,000.00			
Li-Heparin	7313110	\$ 120.00	\$ 192.00			\$ 900.00	\$ 3,000.00				
Na-Heparin	7313111	\$ 120.00	\$ 192.00			\$ 900.00	\$ 3,000.00				
Unfiltered	Na-Citrate	7303106	\$ 66.00		\$ 121.00	\$ 577.50	\$ 1,100.00				
	K2-EDTA	7303107	\$ 66.00		\$ 121.00	\$ 577.50	\$ 1,100.00				
	K3-EDTA	7303108	\$ 66.00		\$ 121.00	\$ 577.50	\$ 1,100.00				
	Na-EDTA	7303109	\$ 66.00		\$ 121.00	\$ 577.50	\$ 1,100.00				
	Li-Heparin	7303110	\$ 66.00		\$ 121.00	\$ 577.50	\$ 1,100.00				
	Na-Heparin	7303111	\$ 66.00		\$ 121.00	\$ 577.50	\$ 1,100.00				
	Horse	Serum	Filtered		N/A	7333400	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50	
			Unfiltered		N/A	7323400	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50	
Plasma		Filtered	Na-Citrate	7313406	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50			
			K2-EDTA	7313407	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50			
			K3-EDTA	7313408	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50			
			Na-EDTA	7313409	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50			
	Li-Heparin		7313410	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50				
	Na-Heparin		7313411	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50				
	Unfiltered	Na-Citrate	7303406	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50				
		K2-EDTA	7303407	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50				
		K3-EDTA	7303408	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50				
		Na-EDTA	7303409	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50				
		Li-Heparin	7303410	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50				
		Na-Heparin	7303411	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50				

Normal Sera & Plasma: Donor - continued

Species	Description	Format	Anticoagulant	Cat. No.	50 ml	100 ml	500 ml	1 Liter
Lamb	Serum	Filtered	N/A	7334000	\$ 20.00	\$ 28.75	\$ 49.50	\$ 93.50
		Unfiltered	N/A	7324000	\$ 15.50	\$ 24.25	\$ 43.00	\$ 66.00
	Plasma	Filtered	Na-Citrate	7314006	\$ 20.00	\$ 28.75	\$ 49.50	\$ 93.50
			K2-EDTA	7314007	\$ 20.00	\$ 28.75	\$ 49.50	\$ 93.50
			K3-EDTA	7314008	\$ 20.00	\$ 28.75	\$ 49.50	\$ 93.50
			Na-EDTA	7314009	\$ 20.00	\$ 28.75	\$ 49.50	\$ 93.50
			Li-Heparin	7314010	\$ 20.00	\$ 28.75	\$ 49.50	\$ 93.50
			Na-Heparin	7314011	\$ 20.00	\$ 28.75	\$ 49.50	\$ 93.50
		Unfiltered	Na-Citrate	7304006	\$ 15.50	\$ 24.25	\$ 43.00	\$ 66.00
			K2-EDTA	7304007	\$ 15.50	\$ 24.25	\$ 43.00	\$ 66.00
			K3-EDTA	7304008	\$ 15.50	\$ 24.25	\$ 43.00	\$ 66.00
			Na-EDTA	7304009	\$ 15.50	\$ 24.25	\$ 43.00	\$ 66.00
			Li-Heparin	7304010	\$ 15.50	\$ 24.25	\$ 43.00	\$ 66.00
			Na-Heparin	7304011	\$ 15.50	\$ 24.25	\$ 43.00	\$ 66.00

Availability of Lamb Serum and Plasma is seasonal. Please inquire.

Mouse (Strain Unspecified)	Serum	Filtered	N/A	7334300	\$ 137.50	\$ 220.00	\$ 1,045.00	\$ 1,980.00
		Unfiltered	N/A	7324300	\$ 66.00	\$ 127.60	\$ 605.00	\$ 1,155.00
Plasma	Filtered	Na-Citrate	7314306	\$ 137.50	\$ 220.00	\$ 1,045.00	\$ 2,750.00	
		K2-EDTA	7314307	\$ 137.50	\$ 220.00	\$ 1,045.00	\$ 2,750.00	
		K3-EDTA	7314308	\$ 137.50	\$ 220.00	\$ 1,045.00	\$ 2,750.00	
		Na-EDTA	7314309	\$ 137.50	\$ 220.00	\$ 1,045.00	\$ 2,750.00	
		Li-Heparin	7314310	\$ 137.50	\$ 220.00	\$ 1,045.00	\$ 2,750.00	
		Na-Heparin	7314311	\$ 137.50	\$ 220.00	\$ 1,045.00	\$ 2,750.00	
		Unfiltered	Na-Citrate	7304306	\$ 66.00	\$ 127.75	\$ 605.00	\$ 1,155.00
			K2-EDTA	7304307	\$ 66.00	\$ 127.75	\$ 605.00	\$ 1,155.00
			K3-EDTA	7304308	\$ 66.00	\$ 127.75	\$ 605.00	\$ 1,155.00
			Na-EDTA	7304309	\$ 66.00	\$ 127.75	\$ 605.00	\$ 1,155.00
			Li-Heparin	7304310	\$ 66.00	\$ 127.75	\$ 605.00	\$ 1,155.00
			Na-Heparin	7304311	\$ 66.00	\$ 127.75	\$ 605.00	\$ 1,155.00

LAMPIRE typically provides Non-Swiss Albino serum and plasma. Balb/C, C57, and ICR (CD-1) may also be available. Please inquire.

Porcine	Serum	Filtered	N/A	7334900	\$ 38.00	\$ 55.75	\$ 106.75	\$ 171.75
		Unfiltered	N/A	7324900	\$ 32.00	\$ 40.50	\$ 83.00	\$ 142.25
	Plasma	Filtered	Na-Citrate	7314906	\$ 38.00	\$ 55.75	\$ 106.75	\$ 171.75
			K2-EDTA	7314907	\$ 38.00	\$ 55.75	\$ 106.75	\$ 171.75
			K3-EDTA	7314908	\$ 38.00	\$ 55.75	\$ 106.75	\$ 171.75
			Na-EDTA	7314909	\$ 38.00	\$ 55.75	\$ 106.75	\$ 171.75
			Li-Heparin	7314910	\$ 38.00	\$ 55.75	\$ 106.75	\$ 171.75
			Na-Heparin	7314911	\$ 38.00	\$ 55.75	\$ 106.75	\$ 171.75
		Unfiltered	Na-Citrate	7304906	\$ 32.00	\$ 40.50	\$ 83.00	\$ 142.25
			K2-EDTA	7304907	\$ 32.00	\$ 40.50	\$ 83.00	\$ 142.25
			K3-EDTA	7304908	\$ 32.00	\$ 40.50	\$ 83.00	\$ 142.25
			Na-EDTA	7304909	\$ 32.00	\$ 40.50	\$ 83.00	\$ 142.25
			Li-Heparin	7304910	\$ 32.00	\$ 40.50	\$ 83.00	\$ 142.25
			Na-Heparin	7304911	\$ 32.00	\$ 40.50	\$ 83.00	\$ 142.25

Normal Sera & Plasma: Donor - continued

Species	Description	Format	Anticoagulant	Cat. No.	50 ml	100 ml	500 ml	1 Liter
Porcine	Serum	Filtered	N/A	7335200	\$ 576.00	\$ 1,080.00	\$ 4,680.00	Inquire
Mini Pig		Unfiltered	N/A	7325200	\$ 494.25	\$ 926.75	\$ 4,016.00	Inquire
	Plasma	Filtered	Na-Citrate	7315206	\$ 576.00	\$ 1,080.00	\$ 4,680.00	Inquire
			K2-EDTA	7315207	\$ 576.00	\$ 1,080.00	\$ 4,680.00	Inquire
			K3-EDTA	7315208	\$ 576.00	\$ 1,080.00	\$ 4,680.00	Inquire
			Na-EDTA	7315209	\$ 576.00	\$ 1,080.00	\$ 4,680.00	Inquire
			Li-Heparin	7315210	\$ 576.00	\$ 1,080.00	\$ 4,680.00	Inquire
			Na-Heparin	7315211	\$ 576.00	\$ 1,080.00	\$ 4,680.00	Inquire
		Unfiltered	Na-Citrate	7305206	\$ 494.25	\$ 926.75	\$ 4,016.00	Inquire
			K2-EDTA	7305207	\$ 494.25	\$ 926.75	\$ 4,016.00	Inquire
			K3-EDTA	7305208	\$ 494.25	\$ 926.75	\$ 4,016.00	Inquire
			Na-EDTA	7305209	\$ 494.25	\$ 926.75	\$ 4,016.00	Inquire
			Li-Heparin	7305210	\$ 494.25	\$ 926.75	\$ 4,016.00	Inquire
			Na-Heparin	7305211	\$ 494.25	\$ 926.75	\$ 4,016.00	Inquire

Available strains include Goettingen, Hanford, Sinclair, and Yucatan. Please inquire.

Rabbit	Serum	Filtered	N/A	7336400	\$ 150.00	\$ 252.00	\$ 1,200.00	\$ 2,280.00		
		Unfiltered	N/A	7326400	\$ 76.00	\$ 130.50	\$ 624.50	\$ 1,194.50		
	Plasma	Filtered	Na-Citrate	7316406	\$ 150.00	\$ 252.00	\$ 1,200.00	\$ 2,280.00		
			K2-EDTA	7316407	\$ 150.00	\$ 252.00	\$ 1,200.00	\$ 2,280.00		
			K3-EDTA	7316408	\$ 150.00	\$ 252.00	\$ 1,200.00	\$ 2,280.00		
			Na-EDTA	7316409	\$ 150.00	\$ 252.00	\$ 1,200.00	\$ 2,280.00		
			Li-Heparin	7316410	\$ 150.00	\$ 252.00	\$ 1,200.00	\$ 2,280.00		
			Na-Heparin	7316411	\$ 150.00	\$ 252.00	\$ 1,200.00	\$ 2,280.00		
				Unfiltered	Na-Citrate	7306406	\$ 95.00	\$ 163.00	\$ 780.50	\$ 1,493.00
					K2-EDTA	7306407	\$ 95.00	\$ 163.00	\$ 780.50	\$ 1,493.00
		K3-EDTA	7306408		\$ 95.00	\$ 163.00	\$ 780.50	\$ 1,493.00		
		Na-EDTA	7306409		\$ 95.00	\$ 163.00	\$ 780.50	\$ 1,493.00		
			Li-Heparin	7306410	\$ 95.00	\$ 163.00	\$ 780.50	\$ 1,493.00		
			Na-Heparin	7306411	\$ 95.00	\$ 163.00	\$ 780.50	\$ 1,493.00		
Rat (Strain Unspecified)	Serum	Filtered	N/A	7337000	\$ 81.75	\$ 117.75	\$ 558.00	\$ 1,080.00		
		Unfiltered	N/A	7327000	\$ 36.50	\$ 66.00	\$ 275.00	\$ 440.00		
Unspecified)	Plasma	Filtered	Na-Citrate	7317006	\$ 81.75	\$ 117.75	\$ 558.00	\$ 1,080.00		
			K2-EDTA	7317007	\$ 81.75	\$ 117.75	\$ 558.00	\$ 1,080.00		
			K3-EDTA	7317008	\$ 81.75	\$ 117.75	\$ 558.00	\$ 1,080.00		
			Na-EDTA	7317009	\$ 81.75	\$ 117.75	\$ 558.00	\$ 1,080.00		
			Li-Heparin	7317010	\$ 81.75	\$ 117.75	\$ 558.00	\$ 1,080.00		
			Na-Heparin	7317011	\$ 81.75	\$ 117.75	\$ 558.00	\$ 1,080.00		
			Unfiltered	Na-Citrate	7307006	\$ 36.50	\$ 66.00	\$ 275.00	\$ 440.00	
				K2-EDTA	7307007	\$ 36.50	\$ 66.00	\$ 275.00	\$ 440.00	
				K3-EDTA	7307008	\$ 36.50	\$ 66.00	\$ 275.00	\$ 440.00	
				Na-EDTA	7307009	\$ 36.50	\$ 66.00	\$ 275.00	\$ 440.00	
				Li-Heparin	7307010	\$ 36.50	\$ 66.00	\$ 275.00	\$ 440.00	
				Na-Heparin	7307011	\$ 36.50	\$ 66.00	\$ 275.00	\$ 440.00	

LAMPIRE typically provides Sprague Dawley serum and plasma. Lewis, Fisher 344 (F344), and Wistar may also be available. Please inquire.

Normal Sera & Plasma: Donor - continued

Species	Description	Format	Anticoagulant	Cat. No.	50 ml	100 ml	500 ml	1 Liter	
Rhesus	Serum	Filtered	N/A	7338500	\$ 708.00	\$ 1,320.00	\$ 6,000.00	Inquire	
		Unfiltered	N/A	7328500	\$ 346.50	\$ 693.00	\$ 3,300.00	Inquire	
	Plasma	Filtered	Na-Citrate	7318506	\$ 708.00	\$ 1,320.00	\$ 6,000.00	Inquire	
			K2-EDTA	7318507	\$ 708.00	\$ 1,320.00	\$ 6,000.00	Inquire	
			K3-EDTA	7318508	\$ 708.00	\$ 1,320.00	\$ 6,000.00	Inquire	
			Na-EDTA	7318509	\$ 708.00	\$ 1,320.00	\$ 6,000.00	Inquire	
			Li-Heparin	7318510	\$ 708.00	\$ 1,320.00	\$ 6,000.00	Inquire	
			Na-Heparin	7318511	\$ 708.00	\$ 1,320.00	\$ 6,000.00	Inquire	
		Unfiltered	Na-Citrate	7308506	\$ 346.50	\$ 693.00	\$ 3,300.00	Inquire	
			K2-EDTA	7308507	\$ 346.50	\$ 693.00	\$ 3,300.00	Inquire	
			K3-EDTA	7308508	\$ 346.50	\$ 693.00	\$ 3,300.00	Inquire	
			Na-EDTA	7308509	\$ 346.50	\$ 693.00	\$ 3,300.00	Inquire	
	Rooster	Serum	Filtered	N/A	7338800	\$ 60.50	\$ 99.00	\$ 467.50	\$ 880.00
			Unfiltered	N/A	7328800	\$ 55.00	\$ 93.50	\$ 440.00	\$ 825.00
		Plasma	Filtered	Na-Citrate	7318806	\$ 60.50	\$ 99.00	\$ 467.50	\$ 880.00
				K2-EDTA	7318807	\$ 60.50	\$ 99.00	\$ 467.50	\$ 880.00
K3-EDTA				7318808	\$ 60.50	\$ 99.00	\$ 467.50	\$ 880.00	
Na-EDTA				7318809	\$ 60.50	\$ 99.00	\$ 467.50	\$ 880.00	
Li-Heparin				7318810	\$ 60.50	\$ 99.00	\$ 467.50	\$ 880.00	
Na-Heparin				7318811	\$ 60.50	\$ 99.00	\$ 467.50	\$ 880.00	
Unfiltered			Na-Citrate	7308806	\$ 55.00	\$ 93.50	\$ 440.00	\$ 825.00	
			K2-EDTA	7308807	\$ 55.00	\$ 93.50	\$ 440.00	\$ 825.00	
			K3-EDTA	7308808	\$ 55.00	\$ 93.50	\$ 440.00	\$ 825.00	
			Na-EDTA	7308809	\$ 55.00	\$ 93.50	\$ 440.00	\$ 825.00	
Sheep		Serum	Filtered	N/A	7339000	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50
			Unfiltered	N/A	7329000	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50
		Plasma	Filtered	Na-Citrate	7319006	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50
				K2-EDTA	7319007	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50
	K3-EDTA			7319008	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50	
	Na-EDTA			7319009	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50	
	Li-Heparin			7319010	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50	
	Na-Heparin			7319011	\$ 20.00	\$ 28.75	\$ 49.50	\$ 71.50	
	Unfiltered		Na-Citrate	7309006	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50	
			K2-EDTA	7309007	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50	
			K3-EDTA	7309008	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50	
			Na-EDTA	7309009	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50	
			Li-Heparin	7309010	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50	
			Na-Heparin	7309011	\$ 15.50	\$ 24.25	\$ 43.00	\$ 60.50	

Abattoir-Derived Products

Since 1977 LAMPIRE has been a leading supplier of abattoir-derived glands, tissues, organs, and blood products. Located near the top beef, veal, and porcine abattoirs in the United States, LAMPIRE provides products for academic research as well as the production of pharmaceuticals and medical devices worldwide.

Bovine and Porcine Hides for Collagen Production

In addition to the products listed in the following section, LAMPIRE is the industry leader in raw materials for collagen production. Hides, tissues, and tendons can be fresh collected and processed to customer specifications or simply frozen for delivery. Bovine and porcine hides slated for corium production are processed at LAMPIRE's Coopersburg facility. Maintaining an FDA registration for Medical Devices and holding EC 1774/2002 regulation compliance for the collection and direct export of hides, this facility and staff are able to meet your production needs. As outlined below, hides are processed and shipped in a variety of formats, including fresh frozen, trimmed, split, and/or limed. Hides are available from bovine, formula-fed calf, and porcine from open or closed herds.

Fresh Frozen Hides: Fresh-collected, frozen hides are collected from USDA-inspected facilities by LAMPIRE technicians. Hides are cleaned, trimmed of all extraneous tissue, frozen, and stored for shipment.

Processed, Split Hides: Processed hides are collected and processed as above. In addition LAMPIRE fleshes and splits the hides to isolate the corium layer. Upon final cleaning and inspection, hides are frozen and stored for shipment.

Processed, Limed, Split Hides: Processed, limed hides are collected and processed as stated above. In addition, LAMPIRE limes the corium layer for further collagen purification. Limed hides are put through a final rinse process, inspected, then frozen and stored for shipment.

Product	Species	Fresh Cat. No.	Frozen Cat. No.	Price
Hide - Washed, Unprocessed	Bovine - Adult	8600864	8620864	Inquire
	Bovine - Calf	8601164	8621164	\$ 140/hide
Skin - Washed, Unprocessed	Porcine	8604964	8624964	\$ 200/hide
Hide - Washed, Shaved	Bovine - Adult	8600849	8620849	Inquire
	Bovine - Calf	8601149	8621149	\$ 190/hide
Skin - Washed, Shaved	Porcine	8604971	8624971	\$ 225/hide
Hide - Fleshed	Bovine - Adult	8600870	8620870	Inquire
	Bovine - Calf	8601170	8621170	\$ 225/hide
Skin - Split	Porcine	8604971	8624971	\$ 500/hide

Tissue Collection & Preparation

LAMPIRE specializes in the custom preparation of tissues, glands, and organs for further processing and/or specific cell, enzyme, or hormone isolation. Due to the critical nature of the preparation and product shelf life, products are fresh collected and processed upon the receipt of your order and verification of your specifications. In addition to standard preparations we specialize in the custom preparation of tissues and glands for further processing and/or specific cell, enzyme or hormone isolation:

Antibiotic Preparation: Fresh collected and rinsed, materials are shipped in media containing Pen-Strep solution or client-specified antibiotic preparation;

Media Perfusion: Media Perfusion - Fresh collected and perfused with either DMEM or a client-specified medium;

Tissue Extraction: Cell Specific Isolations and/or fine needle aspirations for RNA isolation;

Snap Frozen: Fresh collected and snap frozen in liquid nitrogen;

Slide Preparation: Tissue slides prepared from specified tissues.

Material can be collected fresh in customer-specified media and/or frozen for shipment. Please inquire.

Glands, tissues, and organs from species not listed in this section (pages 28-29) may also be available. Please inquire.

Anticoagulants

The whole blood and plasma products in this section are listed with our most popular anticoagulants. If you would like a different anticoagulant, please inquire at the time of placing your order.

Acid Citrate Dextrose (ACD-A formulation)	K2-EDTA	K-Heparin
Alsevers	K3-EDTA	K2-Oxalate
Citrate Phosphate Dextrose (CPD)	Na-EDTA	K2-Oxalate, NaF
Citrate Phosphate Dextrose Adenosine-1 (CPDA-1)	Li-Heparin	NaF
Na-Citrate	Na-Heparin	

Abattoir-derived Whole Blood, Sera, and Plasma are collected aseptically, but should not be considered sterile.

Whole Blood: Abattoir

Minimum order of 5 Liters is required.

Species	Anticoagulant	Cat. No.	5 Liters	6-10 Liters	>10 Liters
Bovine	ACD	8200801	\$137.50	\$22.00/liter	\$17.75/liter
	Alsevers	8200803	\$137.50	\$22.00/liter	\$17.75/liter
	CPD	8200804	\$137.50	\$22.00/liter	\$17.75/liter
	Na-Citrate	8200806	\$137.50	\$22.00/liter	\$17.75/liter
	K2-EDTA	8200807	\$137.50	\$22.00/liter	\$17.75/liter
	K3-EDTA	8200808	\$137.50	\$22.00/liter	\$17.75/liter
	Na-EDTA	8200809	\$137.50	\$22.00/liter	\$17.75/liter
	Li-Heparin	8200810	\$137.50	\$22.00/liter	\$17.75/liter
	Na-Heparin	8200811	\$137.50	\$22.00/liter	\$17.75/liter
Calf	ACD	8201101	\$137.50	\$22.00/liter	\$17.75/liter
	Alsevers	8201103	\$137.50	\$22.00/liter	\$17.75/liter
	CPD	8201104	\$137.50	\$22.00/liter	\$17.75/liter
	Na-Citrate	8201106	\$137.50	\$22.00/liter	\$17.75/liter
	K2-EDTA	8201107	\$137.50	\$22.00/liter	\$17.75/liter
	K3-EDTA	8201108	\$137.50	\$22.00/liter	\$17.75/liter
	Na-EDTA	8201109	\$137.50	\$22.00/liter	\$17.75/liter
	Li-Heparin	8201110	\$137.50	\$22.00/liter	\$17.75/liter
	Na-Heparin	8201111	\$137.50	\$22.00/liter	\$17.75/liter
Porcine	ACD	8204901	\$207.00	\$33.50/liter	\$26.50/liter
	Alsevers	8204903	\$207.00	\$33.50/liter	\$26.50/liter
	CPD	8204904	\$207.00	\$33.50/liter	\$26.50/liter
	Na-Citrate	8204906	\$207.00	\$33.50/liter	\$26.50/liter
	K2-EDTA	8204907	\$207.00	\$33.50/liter	\$26.50/liter
	K3-EDTA	8204908	\$207.00	\$33.50/liter	\$26.50/liter
	Na-EDTA	8204909	\$207.00	\$33.50/liter	\$26.50/liter
	Li-Heparin	8204910	\$207.00	\$33.50/liter	\$26.50/liter
	Na-Heparin	8204911	\$207.00	\$33.50/liter	\$26.50/liter



Normal Sera & Plasma: Abattoir

Species	Description	Format	Anticoagulant	Cat. No.	5 Liters	10 Liters	>10 Liters	
Bovine	Serum	Filtered	N/A	8330800	\$47.50/liter	\$40.75/liter	\$34.25/liter	
		Unfiltered	N/A	8320800	\$33.00/liter	\$28.75/liter	\$24.25/liter	
	Plasma	Filtered	Na-Citrate	8310806	\$47.50/liter	\$40.75/liter	\$34.25/liter	
			K2-EDTA	8310807	\$47.50/liter	\$40.75/liter	\$34.25/liter	
			K3-EDTA	8310808	\$47.50/liter	\$40.75/liter	\$34.25/liter	
			Na-EDTA	8310809	\$47.50/liter	\$40.75/liter	\$34.25/liter	
			Li-Heparin	8310810	\$47.50/liter	\$40.75/liter	\$34.25/liter	
			Na-Heparin	8310811	\$47.50/liter	\$40.75/liter	\$34.25/liter	
		Unfiltered	Na-Citrate	8300806	\$33.00/liter	\$28.75/liter	\$24.25/liter	
			K2-EDTA	8300807	\$33.00/liter	\$28.75/liter	\$24.25/liter	
			K3-EDTA	8300808	\$33.00/liter	\$28.75/liter	\$24.25/liter	
			Na-EDTA	8300809	\$33.00/liter	\$28.75/liter	\$24.25/liter	
	Calf	Serum	Filtered	N/A	8331100	\$47.50/liter	\$40.75/liter	\$34.25/liter
			Unfiltered	N/A	8321100	\$33.00/liter	\$28.75/liter	\$24.25/liter
		Plasma	Filtered	Na-Citrate	8311106	\$47.50/liter	\$40.75/liter	\$34.25/liter
				K2-EDTA	8311107	\$47.50/liter	\$40.75/liter	\$34.25/liter
K3-EDTA				8311108	\$47.50/liter	\$40.75/liter	\$34.25/liter	
Na-EDTA				8311109	\$47.50/liter	\$40.75/liter	\$34.25/liter	
Li-Heparin				8311110	\$47.50/liter	\$40.75/liter	\$34.25/liter	
Na-Heparin				8311111	\$47.50/liter	\$40.75/liter	\$34.25/liter	
Unfiltered			Na-Citrate	8301106	\$33.00/liter	\$28.75/liter	\$24.25/liter	
			K2-EDTA	8301107	\$33.00/liter	\$28.75/liter	\$24.25/liter	
			K3-EDTA	8301108	\$33.00/liter	\$28.75/liter	\$24.25/liter	
			Na-EDTA	8301109	\$33.00/liter	\$28.75/liter	\$24.25/liter	
Porcine		Serum	Filtered	N/A	8334900	\$63.25/liter	\$53.00/liter	\$43.75/liter
			Unfiltered	N/A	8324900	\$48.50/liter	\$40.25/liter	\$33.50/liter
		Plasma	Filtered	Na-Citrate	8314906	\$63.25/liter	\$53.00/liter	\$43.75/liter
				K2-EDTA	8314907	\$63.25/liter	\$53.00/liter	\$43.75/liter
	K3-EDTA			8314908	\$63.25/liter	\$53.00/liter	\$43.75/liter	
	Na-EDTA			8314909	\$63.25/liter	\$53.00/liter	\$43.75/liter	
	Li-Heparin			8314910	\$63.25/liter	\$53.00/liter	\$43.75/liter	
	Na-Heparin			8314911	\$63.25/liter	\$53.00/liter	\$43.75/liter	
	Unfiltered		Na-Citrate	8304906	\$48.50/liter	\$40.25/liter	\$33.50/liter	
			K2-EDTA	8304907	\$48.50/liter	\$40.25/liter	\$33.50/liter	
			K3-EDTA	8304908	\$48.50/liter	\$40.25/liter	\$33.50/liter	
			Na-EDTA	8304909	\$48.50/liter	\$40.25/liter	\$33.50/liter	
	Rabbit	Serum	Filtered	N/A	8336400	\$470.50/liter	\$411.75/liter	\$354.00/liter
			Unfiltered	N/A	8326400	\$308.00/liter	\$269.50/liter	\$231.00/liter
		Plasma	Filtered	Na-Citrate	8316406	\$470.50/liter	\$411.75/liter	\$354.00/liter
				K2-EDTA	8316407	\$470.50/liter	\$411.75/liter	\$354.00/liter
K3-EDTA				8316408	\$470.50/liter	\$411.75/liter	\$354.00/liter	
Na-EDTA				8316409	\$470.50/liter	\$411.75/liter	\$354.00/liter	
Li-Heparin				8316410	\$470.50/liter	\$411.75/liter	\$354.00/liter	
Na-Heparin				8316411	\$470.50/liter	\$411.75/liter	\$354.00/liter	
Unfiltered			Na-Citrate	8306406	\$308.00/liter	\$269.50/liter	\$231.00/liter	
			K2-EDTA	8306407	\$308.00/liter	\$269.50/liter	\$231.00/liter	
			K3-EDTA	8306408	\$308.00/liter	\$269.50/liter	\$231.00/liter	
			Na-EDTA	8306409	\$308.00/liter	\$269.50/liter	\$231.00/liter	
		Li-Heparin	8306410	\$308.00/liter	\$269.50/liter	\$231.00/liter		
		Na-Heparin	8306411	\$308.00/liter	\$269.50/liter	\$231.00/liter		

Glands, Tissues & Organs: Abattoir

Closed herds are available for the Bovine glands, tissues, and organs. All prices are listed for Adult animals; please inquire for fetal glands, tissues, and organs. Other species may be available, please inquire.

Glands tissues and organs are available both fresh and frozen. Porcine products are fresh collected on Mondays and Tuesdays and bovine products are fresh collected on Wednesdays and Thursdays. Fresh collection orders received by 11am ET on the day prior to our collection days will be for available for shipping the following business day. Other collection days may be available for an additional charge, please inquire. Note that a minimum order charge of \$45 applies.

Product	Species	Size	Fresh Cat. No.	Frozen Cat. No.	Price
Adrenal Gland	Bovine	Each	8600801	8620801	\$ 19
	Goat	Each	8602501	8622501	\$ 28
	Porcine	Each	8604901	8624901	\$ 19
	Sheep	Each	8609001	8629001	\$ 28
Aorta	Bovine	Each	8600802	8620802	\$ 18
	Porcine	Each	8604902	8624902	\$ 15
Bladder	Bovine	Each	8600803	8620803	\$ 12
	Porcine	Each	8604903	8624903	\$ 19
Bladder with Urethra	Bovine	Each	8600804	8620804	\$ 24
	Porcine	Each	8604904	8624904	\$ 21
Brain, Stripped	Bovine	Each	8600806	8620806	\$ 56
	Porcine	Each	8604906	8624906	\$ 58
Brain, Unstripped	Bovine	Each	8600807	8620807	\$ 80
	Porcine	Each	8604907	8624907	\$ 75
Carotid Artery	Bovine	Each	8600808	8620807	\$ 26
	Porcine	Each	8604908	8624908	\$ 23
Cerebellum	Bovine	Each	8600810	8620810	\$ 70
	Porcine	Each	8604910	8624910	\$ 65
Epididymis	Bovine	Each	8600815	8620815	\$ 35
Esophagus	Bovine	Each	8600816	8620816	\$ 21
	Porcine	Each	8604916	8624916	\$ 19
Eye, Aqueous Humor	Bovine	100 ml	8600817	8620817	\$ 210
Eye, Whole	Bovine	Each	8600822	8620822	\$ 10
	Porcine	Each	8604922	8624922	\$ 10
Femur Bone	Bovine	Each	8600823	8620823	\$ 42
	Porcine	Each	8604923	8624923	\$ 37
Head, Intact	Bovine	Each	8600826	8620826	\$ 87
	Porcine	Each	8604926	8624926	\$ 78
Heart	Bovine	Each	8600827	8620827	\$ 16
	Porcine	Each	8604927	8624927	\$ 13
	Sheep	Each	8609027	8629027	\$ 24
Heart with Aorta	Bovine	Each	8600828	8620828	\$ 17
	Porcine	Each	8604928	8624928	\$ 16
	Sheep	Each	8609028	8629028	\$ 26
Heart with Pulmonary Artery	Bovine	Each	8600829	8620829	\$ 30
	Porcine	Each	8604929	8624929	\$ 28
	Sheep	Each	8609029	8629029	\$ 28
Hypothalamus	Bovine	Each	8600830	8620830	\$ 89
	Porcine	Each	8604930	8624930	\$ 85
Intestine, Small	Bovine	1 Ft	8600831	8620831	\$ 55
	Porcine	1 Ft	8604931	8624931	\$ 35
Kidney	Bovine	Each	8600832	8620832	\$ 12
	Porcine	Each	8604932	8624932	\$ 12

Glands, Tissues & Organs: Abattoir - continued

Product	Species	Size	Fresh Cat. No.	Frozen Cat. No.	Price
Knees, Cleaned with No Meat	Bovine	Each	8600834	8620834	\$ 40
	Porcine	Each	8604934	8624934	\$ 44
Liver	Bovine	Each	8600835	8620835	\$ 45
	Porcine	Each	8604935	8624935	\$ 25
	Sheep	Each	8609035	8629035	\$ 46
Lung, Trimmed	Bovine	Pair	8600836	8620836	\$ 35
	Porcine	Pair	8604936	8624936	\$ 38
Lung, Untrimmed	Bovine	Pair	8600837	8620837	\$ 31
	Porcine	Pair	8604937	8624937	\$ 38
Lymph Node	Bovine	Each	8600838	8620838	\$ 11
	Porcine	Each	8604938	8624938	\$ 11
Ovary	Bovine	Each	8600840	8620840	\$ 31
	Porcine	Each	8604940	8624940	\$ 29
Pancreas	Bovine	Each	8600841	8620841	\$ 17
	Porcine	Each	8604941	8624941	\$ 17
Parotid	Bovine	Each	8600842	8620842	\$ 19
	Porcine	Each	8604942	8624942	\$ 13
Pericardium	Bovine	Each	8600843	8620843	\$ 35
	Porcine	Each	8604943	8624943	\$ 35
Pituitary, Whole	Bovine	Each	8600844	8620844	\$ 75
	Porcine	Each	8604944	8624944	\$ 75
Prostate	Bovine	Each	8600845	8620845	\$ 18
	Porcine	Each	8604945	8624945	\$ 18
Skeletal Muscle	Bovine	500 g	8600848	8620848	\$ 20
	Porcine	500 g	8604948	8624948	\$ 18
	Rabbit	500 g	8606448	8626448	\$ 27
Spinal Cord Tissue	Porcine	Each	8604950	8624950	Inquire
Spleen	Bovine	Each	8600851	8620851	\$ 10
	Porcine	Each	8604951	8624951	\$ 10
	Sheep	Each	8609051	8629051	\$ 27
Stomach - Washed	Bovine	Each	8600863	8620863	\$ 130
	Porcine	Each	8604963	8624963	\$ 50
Stomach - Unwashed	Bovine	Each	8600852	8620852	\$ 45
	Porcine	Each	8604952	8624952	\$ 15
Synovial Fluid	Bovine	100ml	8600853	8620853	\$ 35
Testicle	Bovine	Each	8600854	8620854	\$ 26
	Porcine	Each	8604954	8624954	\$ 10
Thoracic Aorta	Bovine	Each	8600855	8620855	\$ 37
	Porcine	Each	8604955	8624955	\$ 29
Thymus	Bovine	1g	8600856	8620856	\$ 27
	Porcine	1g	8604956	8624956	\$ 27
	Sheep	1g	8609056	8629056	\$ 33
Thyroid	Bovine	1g	8600857	8620857	\$ 35
	Porcine	1g	8604957	8624957	\$ 34
Tibia	Bovine	Each	8600858	8620858	\$ 53
	Porcine	Each	8604958	8624958	\$ 36
Trachea	Bovine	Each	8600859	8620859	\$ 11
	Porcine	Each	8604959	8624959	\$ 11
Urine	Bovine	Liter	8600860	8620862	\$ 19
	Porcine	Liter	8604960	8624960	\$ 18
Uterus	Bovine	Each	8600861	8620861	\$ 33
	Porcine	Each	8604961	8624961	\$ 33
Vein	Porcine	6-inch length	8604962	8624962	\$ 21



Specialty Products & Biochemicals

Bovine Serum Albumin

- Secure Blood Sources
- Lot-to-Lot Consistency
- Customization to Client Specifications
- Long Term Supply Agreement
- Auditable Quality Systems

LAMPIRE's Bovine Serum Albumin (BSA) is a highly purified, lyophilized Fraction V powder derived from the plasma of healthy animals from USDA-registered facilities. The material undergoes a heat-shock procedure intended to inactivate proteases and other enzymes which may otherwise hinder product performance. The product is further isolated from lipids and other plasma proteins by membrane dialysis and filtration. The entire manufacturing process is designed to minimize endotoxin and bioburden levels, reducing the risk of trace contaminants which may cause assay or cell culture interference.

Diagnostic Applications

Blocking agent for immunoassays to reduce non-specific binding.

Protein standard, diluents, control.

Stabilization of proteins, conjugates, antibodies.

Surface coating.

PCR optimization and stabilization.

Immunohematology and serology.

Cell Culture Applications

Serum-free and serum-reduced mammalian cell culture and cell preservation.

Cultivation of *Leptospira*, *Borrelia*, and *mycoplasma*.

Virus production.

Medical Device Applications

Component of topical and *ex vivo* medical device formulation.

USA Sourced BSA

USA-sourced Standard Grade BSA from LAMPIRE is protease-free, IgG-free, low endotoxin, and low bioburden. Reagent Grade BSA is protease-free, IgG-free, low endotoxin, low bioburden, and fatty acid-free.

Description	Format	Purity	Cat. No.	10 g	50 g	100 g	1 kg
BSA - USA Source	Standard Grade, pH 5.2	>96%	7500803	\$ 26	\$ 67	\$ 93	\$ 410
	Standard Grade, pH 7.0	>96%	7500802	\$ 26	\$ 67	\$ 93	\$ 410
	Reagent Grade, pH 7.0	>98%	7500804	\$ 46	\$ 87	\$ 123	\$ 520

New Zealand Sourced BSA

New Zealand-sourced BSA from LAMPIRE is derived from healthy animals from USDA- and EU-inspected facilities.

Livestock populations are free from Transmissible Spongiform Encephalopathy (TSE) diseases, such as Bovine Spongiform Encephalopathy (BSE). Products and documentation are designed to meet the industry demand for the supply of biological source material from Global Bovine Risk Assessment (GBR 1) countries.

Description	Format	Purity	Cat. No.	10 g	50 g	100 g	1 kg
BSA -New Zealand Source	Low Endotoxin	>97%	8631202	\$ 50	\$ 150	\$ 250	\$ 950
	Protease-Free	>97%	8631207	\$ 75	\$ 225	\$ 325	\$ 1,875
	Low IgG	>97%	8631206	\$250	N/A	\$ 1,250	\$ 2,700
	Low Fatty Acid	>97%	8631204	\$240	N/A	\$ 1,000	\$ 2,500



Fetal Bovine Serum

- Secure Blood Sources
- Lot-to-Lot Consistency
- Highest Quality Available for Cell Culture
- Long-Term Supply Agreements
- Auditable Quality Systems

LAMPIRE's Fetal Bovine Serum (FBS) is collected from USDA- and EU-registered facilities. It is collected using state of the art aseptic collection techniques resulting in low endotoxin and hemoglobin concentrations. New Zealand-sourced FBS from LAMPIRE is derived from livestock populations that are free from Transmissible Spongiform Encephalopathy (TSE) diseases, such as Bovine Spongiform Encephalopathy (BSE).

Each lot supplied is

- USP sterility tested,
- Mycoplasma and virus tested,
- pH 7-8,
- Preservative free.

Description	Format	Cat. No.	Volume	Price
FBS - USA Source	Sterile-Filtered	7500801	500 ml	Inquire
FBS - New Zealand Source	Sterile-Filtered	8631147	500 ml	Inquire

Glycoprotein and Stroma for Immunoassay Development

Species	Description	Format	Cat. No.	Price
Glycoprotein	Bovine	Lyophilized	7500808	\$35/mg
	Equine	Lyophilized	7503408	\$40/mg
Stroma	Bovine	Lyophilized	7500821	\$250/gram
	Equine	Lyophilized	7503421	\$300/gram



HUMAN BLOOD & BIOLOGICAL PRODUCTS

LAMPIRE's Human Blood and Biological Products are collected from healthy donors. In addition to standard quality control tests, all donors of blood and blood derivatives are tested for HBsAg, HIV, HCV, and syphilis. Whole Blood is manually drawn from the donor and Source Plasma is collected by automated techniques. Defibrinated Plasma is prepared by adding calcium chloride to thawed citrated plasma, resulting in a clot. This is followed by separation of the serum as needed. Sera from Anticoagulant-Free Whole Blood is prepared by collecting approximately 450 ml whole blood without anticoagulant, allowing clot formation, then separating the resulting serum.

Anticoagulants

The whole blood and plasma products in this section are listed with our most popular anticoagulants. If you would like a different anticoagulant, please inquire at the time of placing your order.

Acid Citrate Dextrose (ACD-A formulation)	K2-EDTA
Alsevers	K3-EDTA
Citrate Phosphate Dextrose (CPD)	Na-EDTA
Citrate Phosphate Dextrose Adenosine-1 (CPDA-1)	Li-Heparin
Na-Citrate	Na-Heparin

Additional fees will apply for special qualifiers, ie: Drug Free, Gender, Specified Age, Non-Smoker, Fasted, Caffeine Free, Specific Donor, Specific Blood Type, Post Menopausal, Matched Sets. Other qualifiers may be available, please inquire.

Whole Blood

Species	Description	Anticoagulant	Cat. No.	Size	Price
Human	Normal: Gender Not Specified	Na-Citrate	7203706	1 Unit	\$ 338.00
		K2-EDTA	7203707	1 Unit	\$ 338.00
		K3-EDTA	7203708	1 Unit	\$ 338.00
		Na-EDTA	7203709	1 Unit	\$ 338.00
		Li-Heparin	7203710	1 Unit	\$ 338.00
		Na-Heparin	7203711	1 Unit	\$ 338.00
	Normal Female	Na-Citrate	7203806	1 Unit	\$ 360.00
		K2-EDTA	7203807	1 Unit	\$ 360.00
		K3-EDTA	7203808	1 Unit	\$ 360.00
		Na-EDTA	7203809	1 Unit	\$ 360.00
		Li-Heparin	7203810	1 Unit	\$ 360.00
Normal Male	Na-Heparin	7203811	1 Unit	\$ 360.00	
	Na-Citrate	7203906	1 Unit	\$ 360.00	
	K2-EDTA	7203907	1 Unit	\$ 360.00	
	K3-EDTA	7203908	1 Unit	\$ 360.00	
	Na-EDTA	7203909	1 Unit	\$ 360.00	
		Li-Heparin	7203910	1 Unit	\$ 360.00
		Na-Heparin	7203911	1 Unit	\$ 360.00

Normal Plasma

Species	Description	Anticoagulant	Cat. No.	Size	Price
Human	Normal: Gender Not Specified	Na-Citrate	7303706	1 Unit	\$ 269.50
		K2-EDTA	7303707	1 Unit	\$ 269.50
		K3-EDTA	7303708	1 Unit	\$ 269.50
		Na-EDTA	7303709	1 Unit	\$ 269.50
		Li-Heparin	7303710	1 Unit	\$ 269.50
		Na-Heparin	7303711	1 Unit	\$ 269.50
	Normal Female	Na-Citrate	7303806	1 Unit	\$ 293.00
		K2-EDTA	7303807	1 Unit	\$ 293.00
		K3-EDTA	7303808	1 Unit	\$ 293.00
		Na-EDTA	7303809	1 Unit	\$ 293.00
		Li-Heparin	7303810	1 Unit	\$ 293.00
		Na-Heparin	7303811	1 Unit	\$ 293.00
Normal Male	Na-Citrate	7303906	1 Unit	\$ 293.00	
	K2-EDTA	7303907	1 Unit	\$ 293.00	
	K3-EDTA	7303908	1 Unit	\$ 293.00	
	Na-EDTA	7303909	1 Unit	\$ 293.00	
	Li-Heparin	7303910	1 Unit	\$ 293.00	
	Na-Heparin	7303911	1 Unit	\$ 293.00	

Source Plasma

Species	Description	Anticoagulant	Cat. No.	Size	Price
Human	Normal: Gender Not Specified	Na-Citrate	7533706	1 Unit	\$ 365.00
		Na-Heparin	7533711	1 Unit	\$ 417.00
	Normal: Female	Na-Citrate	7533806	1 Unit	\$ 385.50
		Na-Heparin	7533811	1 Unit	\$ 441.00
	Normal: Male	Na-Citrate	7533906	1 Unit	\$ 385.50
		Na-Heparin	7533911	1 Unit	\$ 441.00

Defibrinated Plasma

Species	Description	Anticoagulant	Cat. No.	Size	Price
Human	Normal: Gender Not Specified	None	7303701	1 Unit	\$ 505.50
	Normal Female	None	7303801	1 Unit	\$ 536.00
	Normal Male	None	7303901	1 Unit	\$ 536.00

Sera from Anticoagulant-Free Whole Blood

Species	Description	Cat. No.	Size	Price
Human	Normal: Gender Not Specified	7323701	1 Unit	\$ 269.50
	Normal Female	7323801	1 Unit	\$ 293.00
	Normal Male	7323901	1 Unit	\$ 293.00

Blood Components

Species	Description	Cat. No.	Size	Price
Human	Granulocyte Concentrates	7243701	200 ml	\$ 2,463.00
	Lymphocytes	7243702	60-100 ml	Inquire
	Monocytes	7243703	200 ml	\$ 1,462.00
	Platelet Concentrates	7243704	225 ml	\$ 567.00
	Red Blood Cells - Blood Type Unspecified			
	Packed	7243706	1 Unit	\$ 159.00
	Washed in Saline	7243730	1 Unit	\$ 402.00
	Washed in Saline - Resuspended in Alsevers	7243710	1 Unit	\$ 325.00
	Buffy Coat	7243750		Inquire

Disease-State Sera

Species	Description	Blood Type	Cat. No.	Price
Human	Chlamydia - Negative	Not Specified	7253702	Inquire
	C-Reactive Protein (CRP)	Not Specified	7253704	Inquire
	Carcinoembryonic Antigen (CEA)	Not Specified	7253705	Inquire
	Chlamydia - Positive	Not Specified	7253706	Inquire
	Cytomegalovirus (CMV) - Negative	Not Specified	7253707	Inquire
	Cytomegalovirus (CMV) - Positive	Not Specified	7253708	Inquire
	Epstein-Barr Virus (EBV)	Not Specified	7253709	Inquire
	Hepatitis A - Antibody Positive	Not Specified	7253710	Inquire
	Hepatitis B Surface Antigen (HBsAg) - Antibody Positive	Not Specified	7253711	Inquire
	Herpes Simplex Virus-1 (HSV-1) - Negative	Not Specified	7253712	Inquire
	Herpes Simplex Virus-2 (HSV-2) - Negative	Not Specified	7253713	Inquire
	Lyme Disease	Not Specified	7253714	Inquire
	Mononucleosis	Not Specified	7253715	Inquire
	Mumps - Negative	Not Specified	7253716	Inquire
	Mumps - Positive	Not Specified	7253717	Inquire
	Rheumatoid Factor (RF)	Not Specified	7253718	Inquire
	Rubella - Negative	Not Specified	7253719	Inquire
	Rubella - Positive	Not Specified	7253720	Inquire
	Streptolysin - Antibody Positive	Not Specified	7253721	Inquire
	Syphilis	Not Specified	7253722	Inquire
	Toxoplasmosis - Negative	Not Specified	7253723	Inquire
	Toxoplasmosis - Positive	Not Specified	7253724	Inquire
	Varicella-Zoster Virus (VZV)	Not Specified	7253725	Inquire

Disease State Plasma is also available. Please inquire for availability and pricing.

Disease-State Plasma Panels

Species	Description	Please Inquire for Pricing
Human	C-Reactive Protein (CRP)	
	Chlamydia	
	Cytomegalovirus (CMV)	



Specialty Products

Urine and Urine Components

Species	Description	Cat. No.	Please Inquire for Pricing
Human	Bence-Jones Protein	7593701	
	Normal - Gender Unspecified	7593703	
	Normal - Female	7593803	
	Normal - Male	7593903	
	Pregnancy - 1st Trimester	7593904	
	Pregnancy - 3rd Trimester	7593905	

Biological Fluids

Species	Description	Cat. No.	Please Inquire for Pricing
Human	Amniotic Fluid	7513701	
	Cerebrospinal Fluid	7513702	
	Cord Blood	7513703	
	Cord Serum	7513704	
	Normal Mother's Milk*	7513805	
	Tears	7513706	

*Note: Normal Mother's Milk is collected from drug-free, nursing mothers and can be stored at a volume and temperature specified by the customer.

Controls, Standards, and Calibrators

Species	Description	Cat. No.	Please Inquire for Pricing
Human	Anti-Streptolysin (ASO)	7553701	
	C-Reactive Protein (CRP)	7553702	
	Mononucleosis	7553703	
	Rheumatoid Factor (RF)	7553704	
	Rubella	7553705	
	Syphilis	7553706	

Coagulation and Fibrinolysis

Species	Description	Cat. No.	Please Inquire for Pricing
Human	Factor VII-Deficient Plasma	7523702	
	Factor VIII-Deficient Plasma	7523703	
	Factor IX-Deficient Plasma	7523701	
	Factor X-Deficient Plasma	7523704	
	Factor XI-Deficient Plasma	7523705	
	Factor XII-Deficient Plasma	7523706	
	Von Willebrand's Factor	7523707	



LAMPIRE

BIOLOGICAL LABORATORIES Tel: 215.795.2838 www.lampire.com lampire@lampire.com

NOTES

NOTES



