

BIO SUPPLIES DIAGNOSTIC CATALOG



Grifols is a global healthcare company that since 1909 has enhanced the health and well-being of people around the world. Our four divisions – Bioscience, Diagnostic, Hospital and Bio Supplies – develop, produce and market innovative solutions and services in more than 100 countries.

The Bio Supplies Division supplies high-quality biological materials for biotechnology research, clinical trials, and for manufacturing pharmaceutical and diagnostic products.

Grifols, with more than 24,000 employees in 30 countries and regions, is committed to a sustainable business model that sets the standard for continuous innovation, quality, safety and ethical leadership in the industry.

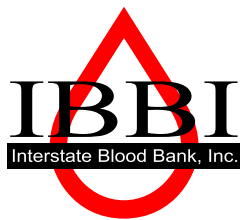
For more information, please visit grifols.com

BIO SUPPLIES DIAGNOSTIC

The Bio Supplies Diagnostic Product Line provides a portfolio of biological materials collected from our own network of blood and plasma centers to be used for life science research and in-vitro diagnostic companies in research, development and manufacturing of reagents and controls.

With the combination of Grifols leadership in plasma donation and processing and the expertise in biological material sourcing of Interstate Blood Bank (IBBI) in the US and Haema in Germany, we offer a full portfolio that includes whole blood, blood components, plasma and donor samples.

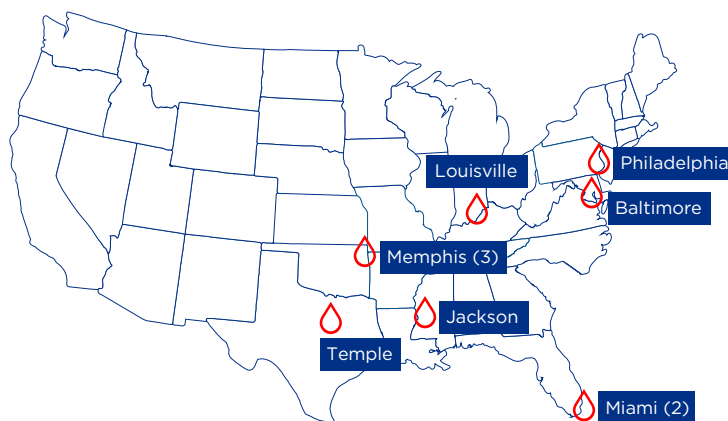
INTERSTATE BLOOD BANK, INC



A leading supplier and collector of blood components for the In Vitro Diagnostics (IVD) industry with more than 70 years of experience is now part of Grifols Bio Supplies Diagnostic.

BLOOD CENTERS

It owns whole blood centers across US headquarters in Memphis for the collection of blood and blood components for the IVD and research industry with more than 100,000 donations every year.



QUALITY

Quality is ensured by vertical integration from collection of human blood and plasma, through testing, processing and manufacturing of the products sold, allowing us to provide customer with selected products within 24 hours of collection.

FULL CUSTOMIZATION

It customizes products to align with the customer needs and specifications, including donor categorization, processing, packaging, and final product.

ANALYTICAL SERVICES

All collected units are tested according to FDA regulations to ensure they are negative for infectious diseases. Additional testing from IBBI menu can also be performed based on customer specifications.

Tests performed at IBBI include:

Serological viral testing	Confirmatory / supplemental testing	Nucleic acid testing	Immunohematology testing	Other
Anti HIV 1/2 Plus O Screening	Anti-HIV 1 Western Blot	HBV DNA Screening	ABO/ Rh/ Weak D	Serum Protein Electrophoresis
Anti HCV Screening	Anti-HIV-2 EIA	HCV RNA Screening	Rh Phenotype	Total Protein
HBsAg Screening	HBsAg Neutralization	HIV 1/2 RNA Screening	Extended Phenotype: K, Fya, Fyb, Jka, Jkb, M, N, S, s, Lea, Leb, P1	Sickle Cell Screening
Anti-HBc Total Screening	Syphilis (T. Pallidum)-G	HAV RNA Screening	Red Cell Antibody Screening	
Syphilis (RPR)		PARVO B19 DNA Screening		
Anti-Hbc IgM		WNV RNA Screening		
Anti HBs		Zika RNA Screening		
Anti-T. cruzi (Chagas)				
Cytomegalovirus Antibody Testing (IgG or IgM)				
Toxoplasma Antibody Testing (IgG or IgM)				
Epstein-Barr Virus Antibody Testing (IgG or IgM)				

Additional testing may be provided upon request.

HUMAN BLOOD PRODUCTS

Human whole blood is collected at one of our 10 FDA licensed blood centers for use in research or manufacturing quality controls for hematology or immunohematology reagents according to customer needs:

Donor Categorization:

Age, race, gender, blood type, (non) smoker, etc.

Product Customization:

Anticoagulant, Separation method, Leukoreduced, Container, Single donor or pooled, storage conditions, dating, etc.



If you are interested in a product not listed in the catalog or you need other specific requirements, please contact our sales department for availability.

Telephone: +1 901 384 6250

Email: custserv@interstatebloodbank.com

WHOLE BLOOD

Prod Code	Description	Units
100042	Whole Blood 4% Sodium Citrate Unit	Bag
100026	Whole Blood 4% Sodium Citrate Unit - Dating Specific	Bag
100033	Whole Blood ACD Unit	Bag
100002	Whole Blood ACD Unit - Blood Type Specific	Bag
100031	Whole Blood ACD Unit - Dating Specific	Bag
100034	Whole Blood ACD Unit - Dating Specific (15-30 °C)	Bag
100010	Whole Blood ACD Unit - Dating, Blood Type Specific	Bag
100017	Whole Blood ACD Unit - Dating, Blood Type Specific (15-30 °C)	Bag
100008	Whole Blood CPD Unit - Blood Type Specific	Bag
100013	Whole Blood CPD Unit - Dating Specific	Bag
100065	Whole Blood CPD Unit - Dating specific (15-30 °C)	Bag
100043	Whole Blood CPD Unit - Dating, Blood Type Specific	Bag
100061	Whole Blood CPD Unit (15-30 °C)	Bag
100084	Whole Blood CPD Unit Sickle Cell Negative Dating, Blood Type Specific (2-8 °C)	Bag
100078	Whole Blood CPDA-1 Leuko-Reduced Unit, Blood Type Specific (2-8 °C)	Bag
100056	Whole Blood CPDA-1 Unit - Blood Type Specific	Bag
100029	Whole Blood CPDA-1 Unit - Dating, Blood Type Specific	Bag
100047	Whole Blood CPDA-1 Unit (2-8 °C)	Bag
100079	Whole Blood CPDA-1 Unit (L) - Dating, Blood Type Specific (2-8 °C)	Bag
100085	Whole Blood K2 EDTA Pooled Dating Specific (2-8 °C)	Bag
100050	Whole Blood K2 EDTA Unit - Dating Specific	Bag
100068	Whole Blood K2 EDTA Unit (2-8 °C)	Bag
100069	Whole Blood K3 EDTA Pooled - Dating Specific (2-8 °C)	Bag
100004	Whole Blood K3 EDTA Unit	Bag
100032	Whole Blood K3 EDTA Unit - Blood Type Specific	Bag
100003	Whole Blood K3 EDTA Unit - Dating Specific	Bag
100001	Whole Blood K3 EDTA Unit - Dating Specific (< -20 °C)	Bag
100025	Whole Blood K3 EDTA Unit - Dating, Blood Type Specific	Bag
100041	Whole Blood Sodium Heparin Unit	Bag

100060	Whole Blood Sodium Heparin Unit - Blood Type Specific	Bag
100012	Whole Blood Sodium Heparin Unit - Dating Specific	Bag

RED BLOOD CELLS

Prod Code	Description	Units
110031	Red Blood Cells ACD Pooled - Dating Specific	Liters
110055	Red Blood Cells ACD Sickle Cell Positive	Bag
110024	Red Blood Cells ACD Unit	Bag
110032	Red Blood Cells ACD Unit - Blood Type Specific	Bag
110004	Red Blood Cells ACD Unit - Dating Specific	Bag
110002	Red Blood Cells ACD Unit - Dating, Blood Type Specific	Bag
110001	Red Blood Cells ACD Unit, Outdated	Bag
110025	Red Blood Cells ACD Unit, Outdated - Blood Type Specific	Bag
110027	Red Blood Cells AS-1 Unit - Blood Type Specific	Bag
110049	Red Blood Cells AS-1 Unit - Dating, Blood Type Specific (2-8 °C)	Bag
110070	Red Blood Cells AS-1 Unit Dating Specific (2-8 °C)	Bag
110061	Red Blood Cells CPD Leuko-Reduced Customized Unit (2-8 °C)	Bag
110063	Red Blood Cells CPD Leuko-Reduced, Blood Type Specific (2-8 °C)	Bag
110067	Red Blood Cells CPD Sickle Cell Negative Unit, Blood Type Specific (2-8 °C)	Bag
110007	Red Blood Cells CPD Unit - Blood Type Specific	Bag
110007	Red Blood Cells CPD Unit - Blood Type Specific	Bag
110018	Red Blood Cells CPD Unit - Dating, Blood Type Specific	Bag
110033	Red Blood Cells CPDA-1 Unit - Blood Type Specific	Bag
110046	Red Blood Cells CPDA-1 Unit (2-8 °C)	Bag
110064	Red Blood Cells CPDA-1 Unit Blood Type Specific (2-8 °C)	Bag
110068	Red Blood Cells CPDA-1 Unit, Dating, Blood Type Specific (2-8 °C)	Bag

110066	Red Blood Cell CPDA-1 Leuko-Reduced Unit (2-8 °C)	Bag
110059	Red Blood Cells Leuko Reduced ACD Unit, Blood Type Specific (2-8 °C)	Bag
110047	Red Blood Cells Leukoreduced ACD Unit	Bag
110058	Red Blood Cells Leuko-Reduced AS-1 Unit	Bag
110051	Red Blood Cells Leukoreduced CPD Unit	Bag
110054	Red Blood Cells Leukoreduced CPDA-1 unit	Bag
110057	Red Blood Cells NSP Unit	Bag
110034	Red Blood Cells Unit - Dating Specific	Bag

PLATELETS

Prod Code	Description	Units
120010	Platelet ACD Leuko-Reduced Unit (15-30 °C)	Bag
120011	Platelet ACD Concentrate Unit - Dating Specific (15-30 °C)	Bag
120012	Platelets ACD Leuko-Reduced Concentrate Unit - Dating Specific (15-30 °C)	Bag
120002	Platelets ACD Unit (15-30 °C)	Bag
120003	Platelets Pooled, Outdated - Dating Specific (2-8 °C)	Liters

HUMAN BUFFY COAT

Prod Code	Description	Units
130001	Buffy Coats ACD Unit	Bag
130010	Buffy Coats ACD Unit (2-8 °C)	Bag
130008	Buffy Coats ACD Unit (15-30 °C)	Bag
130006	Buffy Coats K2 EDTA Unit	Bag
130012	Buffy Coats K2 EDTA Unit - Dating Specific (2-8 °C)	Bag
130005	Buffy Coats K3 EDTA Unit - Dating Specific	Bag
130011	Buffy Coats Sodium Citrate Unit	Bag

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PLASMA AND SERUM PRODUCTS

Human reagent grade plasma and off-the-clot (OTC) serum customized to fulfill customer manufacturing and research needs.

Reagent Grade Plasma:

Source plasma and recovered plasma are collected in one of our donor centers following the U.S. Food and Drug Administration (FDA) regulations.

Every source plasma unit is tested for HIV, HCV and HBV with serological and NAT methods and for HAV and Parvo with NAT.

Each source plasma donor is tested negative for syphilis by serology.

Recovered Plasma units are tested for HIV, HCV and HBV with serological and NAT methods and for syphilis with serology. Each whole blood donor is additionally tested negative for chagas by serology.

Serum:

IBBI is a leading supplier of OTC serum thanks to a method developed by IBBI that helps to prevent clotting.

Human AB serum can be used as supplement to cell cultures involving human cells.



HIV: human immunodeficiency virus; HCV: hepatitis C virus; HBV: hepatitis B virus; NAT: nucleic acid testing.

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RECOVERED PLASMA

Prod Code	Description	Units
240002	Fresh Frozen Plasma CPD Unit (L) - Dating Specific	Liters
240001	Fresh Frozen Plasma Unit - Dating Specific	Liters
200050	Human Recovered Plasma 4% Sodium Citrate Unit (<-20 °C)	Bag
200029	Human Recovered Plasma 4% Sodium Citrate Unit (2-8 °C)	Bag
200034	Human Recovered Plasma ACD Unit - Dating, Blood Type Specific (15-30 °C)	Bag
200049	Human Recovered Plasma ACD Unit - Dating, Blood Type Specific (2-8 °C)	Bag
200047	Human Recovered Plasma ACD Unit (<-20 °C)	Bag
200012	Human Recovered Plasma ACD Unit (2-8 °C)	Bag
200064	Human Recovered Plasma CPD Pooled - Dating Specific (<-20 °C)	Liters
200005	Human Recovered Plasma CPD Unit - Blood Type Specific (<-20 °C)	Bag
200039	Human Recovered Plasma CPD Unit - Blood Type Specific (2-8 °C)	Bag
200002	Human Recovered Plasma CPD Unit (2-8 °C)	Bag
200015	Human Recovered Plasma K3 EDTA Pooled (<-20 °C)	Liters
200006	Human Recovered Plasma K3 EDTA Unit (<-20 °C)	Bag
200010	Human Recovered Plasma K3 EDTA Unit (2-8 °C)	Bag
200026	Human Recovered Plasma Lithium Heparin Unit (2-8 °C)	Bag
200041	Human Recovered Plasma Na EDTA Unit (2-8 °C)	Bag
200014	Human Recovered Plasma Sodium Heparin Unit (2-8 °C)	Bag
200021	Recovered Plasma - Dating Specific (2-8 °C)	Liters
200003	Recovered Plasma CPD Pooled (2-8 °C)	Liters
200058	Recovered Plasma CPDA-1 (L) Unit Dating Specific (2-8 °C)	Liters
200065	Recovered Plasma CPDA-1 Unit Blood Type Specific (2-8 °C)	Bag
200063	Recovered Plasma CPDA-1 Unit Dating Specific (<-20 °C)	Bag
200044	Recovered Plasma K2 EDTA Pooled (<-20 °C)	Liters
200057	Recovered Plasma K3 EDTA Unit (L) (<-20 °C)	Liters
200042	Recovered Plasma Lithium Heparin Pooled (<-20 °C)	Liters
200046	Recovered Plasma Na EDTA Unit (L) (<-20 °C)	Liters
200045	Recovered Plasma Sodium Heparin Unit (<-20 °C)	Bag
200054	Recovered Plasma Sodium Heparin Unit (<-20 °C)	Bag

OTC SERUM

Prod Code	Description	Units
300071	Serum OTC Anti-HBc Positive Liter (2-8 °C)	Liters
300074	Serum OTC Anti-HCV Positive Liter (2-8 °C)	Liters
300073	Serum OTC Anti-HIV Positive Liter (2-8 °C)	Liters
300055	Serum OTC Dating Blood Type Specific (2-8 °C)	Bag
300072	Serum OTC HBsAg Positive Liter (2-8 °C)	Liters
300079	Serum OTC Liter Blood Type Specific (2-8 °C)	Liters
300061	Serum OTC Pooled - Dating Specific (<-20 °C)	Liters
300047	Serum OTC Pooled - Dating Specific (2-8 °C)	Liters
300022	Serum OTC Pooled - Male AB (2-8 °C)	Liters
300004	Serum OTC Pooled (<-20 °C)	Liters
300053	Serum OTC Pooled (2-8 °C)	Liters
300068	Serum OTC RPR Positive Liter (2-8 °C)	Liters
300048	Serum OTC Unit - Blood Type Specific (2-8 °C)	Bag
300052	Serum OTC Unit - Dating Specific (2-8 °C)	Bag
300001	Serum OTC Unit - Male AB (2-8 °C)	Bag
300006	Serum OTC Unit (<-20 °C)	Bag
300003	Serum OTC Unit (2-8 °C)	Bag
300050	Serum OTC Unit (L) (2-8 °C)	Liters
300059	Serum OTC Unit (L), Covid-19 Positive (<-20 °C)	Liters
300038	Serum OTC Units (<-20 °C)	Liters

DIAGNOSTIC GRADE SOURCE PLASMA

Prod Code	Description	Units
230003	COVID-19 Processed Plasma IgG Pool	Liters
230004	COVID-19 Processed Plasma IgM Pool	Liters
240002	Fresh Frozen Plasma 4% Sodium Citrate - Dating Specific	Liters
210001	Source Plasma 4% Sodium Citrate	Liters
210005	Source Plasma 4% Sodium Citrate - Dating Specific (2-8 °C)	Liters
210003	Source Plasma 4% Sodium Citrate - Male AB	Liters
210030	Source Plasma 4% Sodium Citrate Pooled - Dating Specific	Liters
210006	Source Plasma 4% Sodium Citrate Unit	Units
210033	Source Plasma 4% Sodium Citrate Unit (L) - Dating Specific	Liters

SAMPLES FOR RESEARCH AND IVD CLINICAL TRIALS AND STUDIES

Fresh and frozen samples collected from healthy donors. Option to select samples based on donor characteristics. Multiple sample tubes and anticoagulants available.



SAMPLES

Prod Code	Description	Units
4200012	Recovered Plasma ACD Sample (2-8 °C)	Tube
4200010	Recovered Plasma K3 EDTA Sample (2-8 °C)	Tube
4110033	Red Blood Cells CPDA-1 Sample - Blood Type Specific	Tube
4300061	Serum OTC Pooled - Dating Specific (<-20 °C)	Tube
4300004	Serum OTC Pooled (<-20 °C)	Tube
4300048	Serum OTC Sample - Blood Type Specific (2-8 °C)	Tube
4300052	Serum OTC Sample - Dating Specific (2-8 °C)	Tube
4300003	Serum OTC Sample (2-8 °C)	Tube
4300038	Serum OTC Sample (L) (<-20 °C)	Tube
4210029	Source Plasma 4% Sodium Citrate Sample (L)	Tube
4100026	Whole Blood 4% Sodium Citrate Sample - Dating Specific	Tube
4100033	Whole Blood ACD Sample	Tube
4100002	Whole Blood ACD Sample - Blood Type Specific	Tube
4100050	Whole Blood K2 EDTA Sample - Dating Specific	Tube
4100004	Whole Blood K3 EDTA Sample	Tube
4100032	Whole Blood K3 EDTA Sample - Blood Type Specific	Tube
4100003	Whole Blood K3 EDTA Sample - Dating Specific	Tube
4100025	Whole Blood K3 EDTA Sample - Dating, Blood Type Specific	Tube
4100041	Whole Blood Sodium Heparin Sample	Tube
4100012	Whole Blood Sodium Heparin Sample - Dating Specific	Tube

GRIFOLS

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