

Human Whole Blood, Plasma and Serum Products and other Biofluids



Overview

Blood products:

- Whole Blood
- Plasma
 - Apheresis-derived
 - Blood-derived
 - Factor-deficient
- Serum
 - AB
 - Complement
 - Off the Clot

Anticoagulants:

- K2EDTA
- K3EDTA
- Li Heparin
- Na Citrate
- Na EDTA
- Na Heparin

Disease-state:

- Autoimmune Diseases:
 - Asthma
 - Graves' disease
 - Lupus
- Cancer Patients
- General Diseases:
 - Alzheimer's
 - Diabetes & Obesity
 - Hypertension

Biofluids:

- Ascites
- Breast milk
- CSF
- Saliva
- Semen
- Stool
- Tears
- Urine

Human Whole Blood from Single Donors

Cat. No.	Description	Available Volumes
IWB1ACD	Whole Blood ACD	10 ml, Unit
IWB1K2E	Whole Blood K2 EDTA	10 ml, Unit
IWB1K3E	Whole Blood K3 EDTA	10 ml, Unit
IWB1KOF	Whole Blood Potassium Oxalate Na Fluoride	10 ml, Unit
IWB1LIH	Whole Blood Li Heparin	10 ml, Unit
IWB1NAC	Whole Blood Na Citrate	10 ml, Unit
IWB1NAE	Whole Blood Na EDTA	10 ml, Unit
IWB1NAH	Whole Blood Na Heparin	10 ml, Unit
IWB3CPDA1	Red Blood Cells, CPDA1	Unit
IWB3ALS	Red Blood Cells Washed	40 ml

Human Serum

Cat. No.	Description	Available Volumes
ISER	Pooled Serum Off The Clot	10 ml, 50 ml, 100 ml, 300 ml, 500 ml, 1000 ml
ISERS	Single Donor Serum Off The Clot	2 ml, 10 ml, 50 ml, Unit
ICSER	Pooled Complement Serum	10 ml, 25 ml, 50 ml, 100 ml
ICSERS	Single Donor Complement Serum	2 ml, 10 ml
ISERAB	Pooled AB Serum Plasma Derived	100 ml, 1000 ml
ISERABHI	Pooled AB Serum Plasma Derived, Heat Inactivated	100 ml, 1000 ml
ISERABOTCHI	Pooled AB Serum Off The Clot, Heat Inactivated	100 ml, 1000 ml
ISERSPG1T	Single Donor Pregnancy Serum Off The Clot 1 st Trimester	1 ml
ISERSPG2T	Single Donor Pregnancy Serum Off The Clot 2 nd Trimester	1 ml
ISERSPG3T	Single Donor Pregnancy Serum Off The Clot 3 rd Trimester	1 ml

Human Plasma

Available Anticoagulants for Standard Plasma: K2 EDTA, K3 EDTA, Na EDTA, Li Heparin, Na Citrate, Na Heparin

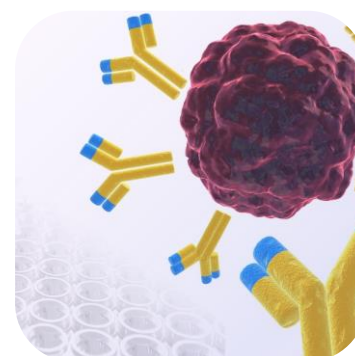
Cat. No.	Description	Available Volumes
IPLA	Pooled Plasma, Apheresis Derived	10 ml, 50 ml, 100 ml, 500 ml, 1000 ml
IPLAWB	Pooled Plasma, Blood Derived	50 ml, 100 ml, 500 ml, 1000 ml
IPLAS	Single Donor Plasma, Blood Derived	2 ml, 10 ml, 50 ml, Unit
IPLASPT	Panel Tested Single Donor Plasma, <u>Tested For:</u> Blood Type, Gender, Age, Height, Weight, BMI, Nicotine, Aspirin, OTC Drugs, RX Drugs, Oral Contraceptives, Total Cholesterol, Triglycerides, Lipemia Level <u>Viral Testing:</u> Each unit is tested for several viral markers, found negative for HBsAg, HCV, HIV-1, HIV-2, HIV-1Ag or HIV-1 NAT, ALT, and syphilis.	5 ml, 50 ml, 100 ml
IPLAWBCATNAC	Clotting Activity Tested Pooled Donor Plasma, Blood Derived, Na Citrate	50 ml
IPLASCATNAC	Clotting Activity Tested Single Donor Plasma, Blood Derived, Na Citrate	50 ml, Unit
ICPLAK2E	Pooled Complement Plasma, K2 EDTA	10 ml, 50 ml
IPLASPG1	Single Donor Pregnancy Plasma 1 st Trimester	1 Sample, 10 Samples
IPLASPG2	Single Donor Pregnancy Plasma 2 nd Trimester	1 Sample, 10 Samples
IPLASPG3	Single Donor Pregnancy Plasma 3 rd Trimester	1 Sample, 10 Samples
IPLASCPP	Single Donor Anti-CCP Positive Plasma	1 Sample, 10 Samples

Deficient Human Plasma, Depleted Plasma & Deficient Serum

Cat. No.	Description	Available Volumes
IATIIIDP	Antithrombin III (ATIII) Deficient Plasma	1 ml, 50 ml
IC4DPLY	Complement C4 Deficient Plasma, Lyophilized	1 ml
IFIIDP	Factor II (FII) Deficient Plasma	50 ml
IFVDP	Factor V (FV) Deficient Plasma	1 ml, 50 ml
IFVIIIDP	Factor VII (FVII) Deficient Plasma	1 ml, 50 ml
IFVIIIIDP	Factor VIII (FVIII) Deficient Plasma	1 ml, 50 ml
IFIXDP	Factor IX (FIX) Deficient Plasma	50 ml
IFXDP	Factor X (FX) Deficient Plasma	1 ml, 50 ml
IFXIDP	Factor XI (FXI) Deficient Plasma	1 ml, 50 ml
IFXIIDP	Factor XII (FXII) Deficient Plasma	50 ml
IHUC1INDP	Human C1 Esterase Inhibitor Depleted Plasma	5 ml, 10 ml
IIGGDS	Immunoglobulin G (IgG) Depleted Serum	100 ml
IPAI1DP	Plasminogen Activator Inhibitor-1 (PAI-1) Deficient Plasma	10 ml, 100 ml
IPLGDP	Plasminogen (PLG) Depleted Plasma	10 ml, 25 ml, 100 ml
IPROCDDP	Protein C Depleted Plasma	100 ml
IRENPRENDP	Renin/Prorenin (REN/PREN) Double Depleted Plasma	10 ml
ISAADPLY	Serum Amyloid A (SAA) Deficient Plasma, Lyophilized	1 ml

Single Donor Cancer-State Plasma & Serum

Cat. No. Plasma	Cat. No. Serum	Description
IPLASBLDC	ISERSBLDC	Bladder Cancer Plasma/Serum
IPLASBSC	ISERSBSC	Breast Cancer Plasma/Serum
IPLASCTS	ISERSCTS	Colon Cancer Plasma/Serum
IPLASHDNK	ISERSHDNK	Head and Neck Cancer Plasma/Serum
IPLASKDC	ISERSKDC	Kidney Cancer Plasma/Serum
IPLASLNGC	ISERSLNGC	Lung Cancer Plasma/Serum
IPLASOVC	ISERSOVC	Ovarian Cancer Plasma/Serum
IPLASPSTC	ISERSPSTC	Prostate Cancer Plasma/Serum
IPLASTHYC	ISERSTHYC	Thyroid Cancer Plasma/Serum
IPLASUTC	ISERSUTC	Uterine Cancer Plasma/Serum



Single Donor Disease-State Plasma and Serum

Cat. No. Plasma	Cat. No. Serum	Description
IPLASALZ	ISERSALZ	Alzheimer's Plasma/Serum
IPLASASTH	ISERSASTH	Asthma Plasma/Serum
IPLASADPF	ISERSADPF	Atopic Dermatitis Plasma/Serum
IPLASBBC	ISERSBBC	Benign Breast Conditions Plasma/Serum
IPLASBOT	ISERSBOT	Benign Organ Tumor Plasma/Serum
IPLASBPHP	ISERSBPHP	Benign Prostatic Hyperplasia Plasma/Serum
IPLASBP	ISERSBP	Bipolar Plasma/Serum
IPLASCMYP	ISERSCMYP	Cardiomyopathy Plasma/Serum
IPLASCD	ISERSCD	Celiac Plasma/Serum
IPLASCOPD	ISERSCOPD	Chronic Obstructive Pulmonary Disease Plasma/Serum
IPLASCRHN	ISERSCRHN	Crohn's Disease Plasma/Serum
IPLASCYST		Cystitis Plasma
IPLASDIB	ISERSDIB	Diabetes Plasma/Serum
IPLASGOI	ISERSGOI	Goiter Plasma/Serum
IPLASGRVS	ISERSGRVS	Graves Disease Plasma/Serum
IPLASHTHY	ISERSHTHY	Hashimoto's Thyroiditis Plasma/Serum
IPLAHIV	ISERHIV	HIV Positive Plasma/Serum
IPLASHOTHY	ISERSHOTHY	Hypothyroid Plasma/Serum
IPLASLUPP	ISERSLUPP	Lupus Plasma/Serum
IPLASMSC	ISERSMSC	Multiple Sclerosis Plasma/Serum
IPLASMDYS	ISERSMDYS	Muscular Dystrophy Plasma/Serum
IPLASOBS	ISERSOBS	Obesity Plasma/Serum
IPLASOA	ISERSOA	Osteoarthritis Plasma/Serum
IPLASOSTO	ISERSOSTO	Osteoporosis Plasma/Serum
IPLASPSTS	ISERSPSTS	Prostatis Plasma/Serum
IPLASPSRS	ISERSPSRS	Psoriasis Plasma/Serum
IPLASPF	ISERSPF	Pulmonary Fibrosis Plasma/Serum
IPLASRA	ISERSRA	Rheumatoid Arthritis Plasma/Serum
IPLASSZP	ISERSSZP	Schizophrenia Plasma/Serum
IPLASSC	ISERSSC	Sickle Cell Plasma/Serum
IPLASSVT	ISERSSVT	Supraventricular Tachycardia Plasma/Serum
IPLASUC	ISERSUC	Ulcerative Colitis Plasma/Serum
	ISERSCOV2N	SARS-Cov-2 Negative Serum, 100 µl
	ISERSCOV2PHI	SARS-Cov-2 Positive Serum Heat Inactivated, 100 µl
IPLASCOV2P	ISERSCOV2P	SARS-Cov-2 Positive Plasma/Serum, 100 µl
IPLASPEDCOV2P	ISERSPEDCOV2P	Pediatric SARS-Cov-2 Positive Plasma/Serum, 100 µl
IPLASCOV2PNPP	ISERSCOV2PNPP	SARS-Cov-2 Presumptive Non-Placebo Vaccine Positive Plasma/Serum, 100 µl
IPLASCOV2PVP	ISERSCOV2PVP	SARS-Cov-2 Presumptive Positive Plasma/Serum, 100 µl
IPLASCOV2VNP1BPIMCMP	ISERSCOV2VNP1BPIMCMP	SARS-CoV-2 Negative Vaccine And First Booster Positive Immunocompromised Plasma/Serum
IPLASCOV2VPP	ISERSCOV2VPP	SARS-CoV-2 Positive With Vaccine Positive Plasma/Serum

Single Donor Pediatric Whole Blood, Plasma and Serum Samples

Age	Cat. No. Whole Blood	Cat. No. Plasma	Cat. No. Serum	Available Volumes
0-3	IWB1SPED03	IPLASPED03	ISERSPED03	1 Sample, 5 Samples
4-6	IWB1SPED46	IPLASPED46	ISERSPED46	1 Sample, 5 Samples
7-10	IWB1SPED710	IPLASPED710	ISERSPED710	1 Sample, 5 Samples
11-14	IWB1SPED1114	IPLASPED1114	ISERSPED1114	1 Sample, 5 Samples
15-17	IWB1SPED1517	IPLASPED1517	ISERSPED1517	1 Sample, 5 Samples
Unspecified	IWB1SPEDU	IPLASPEDU	ISERSPEDU	1 Sample, 5 Samples

Innovative Research's Biorepository – Additional Information on Patient Samples

Many cancer and disease-state patient samples have **detailed annotation**. Besides age, gender, height, weight and demography, information on several additional parameters is available, for example: concomitant illnesses, treatments, lab tests, biomarker, COVID-19 vaccination status, or smoking and drinking habits.

For some patients, different bio-samples such as plasma, serum, and FFPE tissue are in stock. These **matched-sets** enable more detailed studies.

Human Biofluids

Cat. No.	Description	Available Volumes
IRHUASCS	Ascites Fluid, Single Donor	25 ml
IRHUSBMKSCO	Breast Milk, Colostrum, Single Donor	1 ml, 5 ml, 25 ml
IRHUBMKPST	Breast Milk, Pasteurized, Pooled	10 ml, 50 ml, 1000 ml
IRHUCSFS	Cerebrospinal Fluid (CSF), Single Donor	1 ml
IRHUCSF	Cerebrospinal Fluid (CSF), Pooled	1 ml
IRHUCSFSYT	Cerebrospinal Fluid (CSF), Synthetic	25 ml
IRHUSEWSWB	Ear Wax Swab, Single Donor	1 Sample, 5 Samples
IRHUSFM	Fecal Matter, Single Donor	1 Sample
IRHUFSMFEM	Fecal Matter, Single Donor, Female,	1 Sample, 10 Samples
IRHUSFMMAL	Fecal Matter, Single Donor, Male,	1 Sample, 10 Samples
IRHUSFMME	Fecal Matter, Single Donor, Meconium	100 mg, 1 g, 2x1 g
IRHUSFMPED	Fecal Matter, Single Donor, Pediatric, Various Age Groups	1 Sample
IRHUMB	Menstrual Blood, Pooled	1 ml, 10 ml
IRHUNFSVIAL	Nasal Fluid, Single Donor, Post COVID	1 Vial
IRHUNF1ML	Nasal Fluid, Pooled, Post COVID	1 ml
IRHUSNW	Nasal Wash, Single Donor	1 Sample, 5 Samples
IRHUSPANSWBFEM	Perianal Swab, Single Donor, Female	1 Sample, 5 Samples
IRHUSPANSWBMAL	Perianal Swab, Single Donor, Male	1 Sample
IRHUSPHYSWB	Pharyngeal Swab, Single Donor	1 Sample
IRHUSRCTSWBFEM	Rectal Swab, Single Donor, Female	1 Sample
IRHUSRCTSWBMAL	Rectal Swab, Single Donor, Male	1 Sample
IRHUSLS	Saliva, Single Donor	5 ml, 50 ml, 250 ml
IRHUSL	Saliva, Pooled	5 ml, 50 ml, 250 ml
IRHUSLSPAL	Saliva, Single Donor, Peanut Allergy	100 µl, 250 µl, 1 ml
IRHUSLSPED	Saliva, Single Donor, Pediatric, Various Age Groups	1 Sample, 5 Samples
IRHUSLSPG	Saliva, Single Donor, Pregnancy	5 ml
IRHUSMS	Semen, Single Donor	1 ml, 5 ml, 20 ml, 100 ml
IRHUSMDIBTI	Semen, Single Donor, Type I Diabetes	1 ml
IRHUSMSDIBTII	Semen, Single Donor, Type II Diabetes	1 ml
IRHUSMVSC	Semen, Single Donor, Vasectomized	1 Sample, 5 Samples
IRHUSM	Semen, Pooled	1 ml, 5 ml, 20 ml, 100 ml
IRHUSMCRYP	Semen, Pooled, Cryopreserved	500 µl
IRHUSMSWB	Semen Swab, Single Donor	5 Samples
IRHUSSMF	Seminal Fluid, Single Donor	1 ml, 5 ml
IRHUSMF	Seminal Fluid, Pooled	1 ml, 5 ml
IRHUSSPU	Sputum, Single Donor	1 Sample
IRHUSYNS	Synovial Fluid, Single Donor	1 ml
IRHUTRS	Tears, Single Donor	100 µl
IRHUTR	Tears, Pooled	100 µl, 1 ml
IRHUSHRTHCN	THC Negative Hair, Single Donor	1 Sample, 5 Samples
IRHUSHRTHCP	THC Positive Hair, Single Donor	1 Sample
IRHUURES	Urine, Single Donor	50 ml
IRHUURESDIBTI	Urine, Single Donor, Type I Diabetes	50 ml, 250 ml
IRHUURESDIBTII	Urine, Single Donor, Type II Diabetes	50 ml, 250 ml
IRHUSUREPED	Urine, Single Donor, Pediatric, Various Age Groups	1 Sample, 5 Samples
IHUURESPG1T	Urine, Single Donor, Pregnancy 1 st Trimester	50 ml
IRHUSUREPMP	Urine, Single Donor, Postmenopausal	1 Sample, 5 Samples
IRHUSUREPMM	Urine, Single Donor, Postmortem	1 Sample
IRHUURE	Urine, Pooled	500 ml
IRHUUREFT	Urine, Pooled, Filtered	1 l, 10 l
IRHUSVF	Vaginal Fluid, Single Donor	100 µl, 250 µl, 10 ml
IRHUVF100UL	Vaginal Fluid, Pooled	100 µl
IRHUSVAGSWBPREC	Vaginal Swab, Single Donor, Pre-coitus	1 Sample, 5 Samples
IRHUSVMT	Vomit, Single Donor	1 Sample, 5 Samples



- **Animal biologicals, such as blood, serum or plasma are also available.
Please contact us directly for further information.**