

DISEASE-STATE PLASMA/SERUM

Logical Biological specialises in the provision of human disease plasma and serum suitable for incorporating into calibrators & controls, for assay development and quality control testing.

- Directly collected from donor centres and blood banks around the world
- Bulk volumes, evaluation and clinical samples available
- Ethically sourced
- Prospective collections and matched sets can be arranged
- Information available (e.g. demographic data, date of collection etc)

Allergy

Alternaria alternata (M6) specific IgE
 Ascaris (P1) specific IgE
 Aspergillus fumigatus (M3) specific IgE
 Avocado (F96) specific IgE
 Bahia Grass (G17) specific IgE
 Beef (F27) specific IgE
 Bermuda grass (G2) specific IgE
 Birch (T3) specific IgE
 Blomia tropicalis (D201) specific IgE
 Blue Mussel (F37) specific IgE
 Celery (F417) specific IgE
 Chicken (F83) specific IgE
 Chicken feathers (E85) specific IgE
 Chickpea (F309) specific IgE
 Cladosporium herbarum (M2) specific IgE
 Cod (F3) specific IgE
 Common Wasp (Yellow Jacket) (I3) specific IgE
 Crab (F23) specific IgE
 Dermatophagoides farinae (D1) specific IgE
 Dermatophagoides pteronyssinus (D2) specific IgE
 Dog dander (E5) specific IgE
 Dust Mite rDer p23 (D209) specific IgE
 Egg white (F1) specific IgE
 Egg Yolk (F75) specific IgE
 Hazelnut (F440) specific IgE
 Honeybee (I1) specific IgE
 Horse Dander (E3) specific IgE
 Total IgE (High)
 Kiwi (F84) specific IgE
 Lentil (F235) specific IgE
 Meadow Fescue Grass (G4) specific IgE
 Milk (F2) specific IgE
 Mouse (E88) specific IgE
 Mutton (F88) specific IgE
 Oak (T7) specific IgE
 Olive Tree (T9) specific IgE
 Peanut (F13) specific IgE
 Pork (F26) specific IgE
 Rat (E87) specific IgE
 Rye (F5) specific IgE
 Sagebrush mugwort (W6) specific IgE
 Shrimp (F24) specific IgE
 Soybean (F14) specific IgE
 Squid (F258) specific IgE
 Sycamore (T11) specific IgE
 Timothy grass (G6) specific IgE
 Tuna (F40) specific IgE
 Wall pellitory (W19) specific IgE
 Wall pellitory (W21) specific IgE
 Wheat (F4) specific IgE
 White Ash (T15) specific IgE
 White Bean (F15) specific IgE
 Willow (T12) specific IgE

Hormones

ACTH
 FT3
 FT4
 FSH
 HGH
 LH
 Prolactin
 SHBG
 TSH

Neurological

Alzheimer's
 Neuron Specific Enolase (NSE)
 Parkinson's
 tTau

Auto-Immune

Anti-CCP (Cyclic Citrullinated Peptide)
 Anti-CENPB
 Anti-dsDNA
 Anti-GBM
 Anti-Gliadin IgA
 Anti-IA2
 Anti-IAA
 Anti-Intrinsic Factor
 Anti-Jo1
 Anti-MPO
 Anti-Nuclear Antibodies (ANA)
 Anti-Proteinase 3 (PR3)
 Anti-Ribosomal P
 Anti-RNP
 Anti-Scl70
 Anti-Smith
 Anti-SSA
 Anti-SSB
 Anti-Tg (Thyroglobulin)
 Anti-TPO (Thyroid Peroxidase)
 Anti-tTG IgA
 Beta2 IgA
 Beta2-GP1 IgG
 Cardiolipin IgA/ IgG/ IgM
 Celiac
 Gliadin deamidated IgA/ IgG
 Rheumatoid Factor (RF)
 Systemic Lupus Erythematosus (SLE)
 tTG IgG

Cardiovascular

ApoA
 ApoE
 Apolipoprotein A-I, Plasma
 Apolipoprotein A-II, Plasma
 Apolipoprotein A-IV
 Apolipoprotein B, Plasma
 Apolipoprotein C-III, Plasma
 BNP
 CK-MB
 CK-MM
 CRP
 D-Dimer
 Fatty Acid Binding Protein
 Fatty Acid Binding Protein 3
 Fibrinogen
 Heart Myosin Light Chain (MLC) Kinase
 High Density Lipoprotein
 Low Density Lipoprotein
 MPO
 Myoglobin
 NT-proBNP
 Procalcitonin
 Tropomyosin
 Troponin C
 Troponin I
 Troponin T
 Scleroderma

Pregnancy

alpha-hCG
 beta-hCG
 hCG
 Contraceptive-treated
 First Trimester Pregnancy
 Second Trimester Pregnancy
 Third Trimester Pregnancy

Miscellaneous

Alkaline Phosphatase
 Alpha-1-Antichymotrypsin
 Alpha-1-Antitrypsin
 Alpha-1-Microglobulin
 Alpha-2-Antiplasmin
 Alpha-2-Macroglobulin
 Alpha-2-Glycoprotein 1, Zinc-Binding
 Alpha-2-HS-Glycoprotein
 Alpha Amylase Pancreas
 Amylase alpha 1A
 Angiotensinogen
 Antibiotics
 Antifungals/ Parasitic
 Antileptics
 Antithrombin-III
 Apotransferrin
 Ascites Fluid
 Aspartate Aminotransferase, Mitochondrial
 B2G1/APOH
 Butyrylcholinesterase / BCHE
 C1 Esterase Inhibitor, Plasma
 Calpain-1, Erythrocytes
 Calprotectin Stools
 Catalase
 Cathepsin B/ D/ G/ H/ L
 Ceruloplasmin
 Chymotrypsin
 Coagulation Factor XIII/ XIIIa
 Complement 3c/ 4c
 CSF
 CTSH Protein
 Cystatin C
 Gamma Glutamyltransferase
 HAMA (Human anti-mouse antibody)
 Haptoglobin 1-1
 Hemoglobin A1c
 Hemopexin
 Holo-Transferrin
 Hospitalised
 Lactate Dehydrogenase
 LD2 3H1M
 LD3 2H2M
 LD4 1H3M
 LD5 4M
 Lactoferrin
 Leukocytes
 Leukocyte Esterase
 Neutrophil Elastase
 Orosomucoid 1
 Pepsinogen I/ II
 Plasminogen
 Prealbumin Transthyretin
 Prolactin
 Saliva
 Thrombin alpha
 Thrombospondin-1
 Urine
 Whole Blood

Sepsis/Inflammation

CRP
 IL-6
 Procalcitonin (PCT)
 Sepsis positive

DISEASE-STATE PLASMA/SERUM

Cancer

Alpha Feto Protein
CEA
CA125
CA15-3
CA19-9
CA72-4
CTSB
Cyfra 21-1
Gastrin-17
HE4
Hepatocellular Carcinoma (HCC)
HGFR
Myeloma IgE
NSE
Pepsinogen 1
Pepsinogen 2
PIVKA2
PSA
Small Cell Lung Cancer (SCLC)
Squamous Cell Carcinoma (SCC)
Thyroglobulin (Tg)

Infectious Diseases





Adenovirus IgG/ IgM
Anti-HBc
Anti-HBc IgM
Anti-Hbe
Anti-HBs
Anti-Hepatitis C Virus (HCV)
Anti-Hepatitis D Virus (HDV)
Anti-HIV
Anti-HIV1 or HIV2
Anti-HTLV1
Antistreptolysin O
Anti-Syphilis
Aspergillus IgG
B. pertussis IgG
Candida albicans IgG/ IgM
Chagas IgG
Chikungunya IgG
Chlamydia pneumoniae IgG/ IgM
Chlamydia trachomatis IgG/ IgM
CMV IgG/ IgM
Coronavirus 229E IgG/ IgM
Coronavirus HKU1 IgG/ IgM
Coronavirus NL63 IgG/ IgM
Coronavirus OC43 IgG/ IgM
Coxsackie B Virus IgG positive
Dengue IgG/ IgM
E. coli IgG/ IgM
Echovirus IgG positive
Enterovirus IgG
Epstein Barr Virus (EBV) IgG/ IgM
Epstein Barr Virus (EBV) EA IgG/ IgM
Epstein Barr Virus (EBV) VCA IgG
Ev71 IgM
Haemophilus influenzae IgG/ IgM
HbsAg
HBsAg Ay
HBV IgG
HCV IgG
Hepatitis A IgG/ IgM
Hepatitis B e Antigen (HbeAg)

Hepatitis B Virus (HBV) Cytosolic Antigen
Hepatitis B Virus (HBV) IgM
Hepatitis C Virus (HCV) IgM
Hepatitis D Virus (HDV) IgM
Hepatitis E Virus (HEV) IgG/ IgM
Herpes Simplex Virus 1 (HSV1) IgG/ IgM
Herpes Simplex Virus 2 (HSV2) IgM
HIV IgG/ IgM
HIV P24
HSV IgM
HSV1/2 IgG/ IgM
Influenza A IgG/ IgM
Influenza B IgG/ IgM
Legionella pneumophila IgG/ IgM
Leptospira IgM
M. tuberculosis IgG
Measles IgG/ IgM
Metapneumovirus (MPV) IgG/ IgM
Mumps (Rubulavirus) IgG/ IgM
Mycoplasma pneumoniae IgG/ IgM
Parainfluenza 1 IgG/ IgM
Parainfluenza 2 IgG/ IgM
Parainfluenza 3 IgG/ IgM
Parvovirus B19 IgG/ IgM
Plasmodium falciparum IgG
Pneumocystis jirovecii IgG
Poliovirus IgG positive
Rhinovirus IgG
Rotavirus positive
RSV IgG/ IgM
Rubella IgG/ IgM
Salmonella typhi IgG
SARS-Cov-2 IgA/ IgG/ IgM
Streptococcus pneumoniae IgG
Streptococcus pyogenes IgG
Syphilis IgM
Tick-borne Encephalitis (TBE) Virus IgG
Toxoplasma IgG/ IgM
Varicella Zoster Virus (VZV) IgG/ IgM
Zika Virus IgG/ IgM

This list is not exhaustive. Please contact us with requests for other markers.

RESPIRATORY

Logical Biological offers a wide range of respiratory disease materials, with quantitative results.

-  Bulk volumes, evaluation and clinical samples available
-  Ethically sourced
-  Prospective collections and matched sets can be arranged subject to availability
-  Information available (e.g. demographic data, date of collection)

Marker

Adenovirus
Coronavirus 229E IgG/ IgM
Coronavirus HKU1 IgG/ IgM
Coronavirus NL63 IgG/ IgM
Coronavirus OC43 IgG/ IgM
Influenza A IgG/ IgM
Influenza B IgG/ IgM
H. influenzae IgG/ IgM
Parainfluenza 1 IgG/ IgM
Parainfluenza 2 IgG/ IgM
Parainfluenza 3 IgG/ IgM
Parainfluenza 4 IgG
Respiratory Syncytial Virus (RSV) IgG/ IgM
Respiratory Virus Negative
SARS-CoV-2 IgA/ IgG/ IgM
SARS-CoV-2 Hospitalised

Format

Swabs
Serum, Plasma, Swabs
Serum, Plasma
Serum, Plasma
Serum, Plasma
Serum, Plasma, Swabs
Serum, Plasma, Swabs
Serum, Plasma, Swabs
Serum, Plasma
Serum, Plasma, Swabs
Serum, Plasma, Swabs
Serum, Plasma, Swabs
Serum, Plasma, Swabs
Serum, Plasma, Swabs
Swabs, Saliva
Serum, Plasma
Serum, Plasma, Swabs

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