

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 (typically ~1 ml) 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

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

Auto-Immune (cont.)

Anti-RNP
 Anti-Scl70
 Anti-Smith
 Anti-SSA
 Anti-SSB
 Anti-Tg (Thyroglobulin)
 Anti-TPO (Thyroid Peroxidase)
 Anti-TG IgA
 Beta2 IgA
 Beta2-GP1 IgG
 Cardiolipin IgA/ IgG/ IgM
 Celiac
 Gliadin deamidated IgA/ IgG
 Rheumatoid Factor (RF)
 Systemic Lupus Erythematosus (SLE)
 tTG IgG

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)

Cardiovascular

ApoA
 ApoE
 Apolipoprotein A-I, Plasma
 Apolipoprotein A-II, Plasma
 Apolipoprotein A-IV
 Apolipoprotein B, Plasma
 Apolipoprotein C-III, Plasma
 BNP
 CK-MB
 CKMM
 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
 Troponin
 Troponin C
 Troponin I

Cardiovascular (cont.)

Troponin T
 Scleroderma

Hormones

ACTH
 FT3
 FT4
 FSH
 HGH
 LH
 Prolactin
 SHBG
 TSH

Infectious Diseases (inc Hazard Group 3)

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
 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 P25
 HSV IgM
 HSV1/2 IgG/ IgM

DISEASE-STATE PLASMA/SERUM

Infectious Diseases (inc Hazard Group 3)

Human African Trypanosomiasis (HAT) IgG
 Influenza A IgG/ IgM
 Influenza B IgG/ IgM
 Legionella pneumophila IgG/ IgM
 Leptospira IgG/ IgM
 M. tuberculosis IgG
 Measles IgG/ IgM
 Metapneumovirus (MPV) IgG/ IgM
 Mumps (Rubulavirus) IgG/ IgM
 Mycoplasma pneumoniae IgG/ IgM
 Parainfluenza 1 IgG/ IgM
 Parainfluenza 1/2/3 IgG/ IgM
 Parainfluenza 1/2/3 IgM positive
 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





Neurological

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

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

SARS-CoV-2/ RESPIRATORY

Logical Biological offers a wide range of SARS-CoV-2 / respiratory disease materials, with quantitative results.

-  Bulk volumes, evaluation and clinical samples (typically~1 ml) 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

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

Pregnancy

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

Sepsis/Inflammation

CRP
 IL-6
 Procalcitonin (PCT)
 Sepsis positive

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
 Antiepileptics
 Antithrombin-III
 Apotransferrin
 Ascites Fluid
 Aspartate Aminotransferase, Mitochondrial
 B2G1/APOH
 Butyrylcholinesterase / BCHE
 C1 Esterase Inhibitor, Plasma

Miscellaneous (cont.)

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