

Test Name
HLA ABC or HLA Class I
HLA DR or HLA Class II
HLA B Locus (all B alleles such as :B5,B51,B52,B27,....)
HLA B51 /HLA B52 High Resolution ,High Accuracy
HLA B 27
Panel Reactive Antibodies or PRA Class I and PRA Class II
Donor Specific Antibodies (HLA Typing of the Donor is required and should be added to do the test)
Cross Match Class I Flow Cytometry
Cross Match Class II Flow Cytometry
Cross Match Class I Serology (Lymphocytotoxicity)
Cross Match Class II Serology(Lymphocytotoxicity)
Certican Level or Everolimus Level
Cyclosporine Level
Mycophenolic Acid Level or MPA Level or Cellcept Level
Sirolimus Level or Rapamune Level
Tacrolimus Level or Prograf Level
IL-2, IL-4,IL-10,IL-12,TGF-Beta, Interferon, TNF (Genotyping)
T Cell Activation
Cell Proliferation (Cell Growth)
Cell Cycle (G0,G1 ,S and M phase)
Any 1 CD Marker other than Stem Cell
Any 2 CD Markers other than Stem Cell
Any 3 CD Markers other than Stem Cell
CD3/CD69/HLADR
CD3/CD4/CD8
CD4/CD8
CD3/CD20
CD3/CD19
CD5/CD20
CD14/CD45
CD16/CD56
CD20
CD25
CD42 b
CD45 RO
CD31
CD 52
CD 138
CD 38
CD34
CD29
CD73
CD90
CD 105
CD117
SSEA-3
SSEA-1
Tra-1-8
CD 9

CD 81
CD 15
CD30
Sox2
Oct3/4
Nanog
Via Count
HIV 1 & 2 (Qualitative)
HCV (Qualitative)
Hepatitis A Virus (HAV) (Qualitative)
HBV (Qualitative)
CMV (Qualitative)
EBV (Qualitative)
Chlamydia Trachomatis (Qualitative)
Candida Albicans (Qualitative)
Herpes Simplex Virus 1 & 2 (Qualitative)
Mycobacterium Tuberculosis (TB) (Qualitative)
Human Papilloma Virus Type 16 & 18 (Qualitative)
Toxoplasma Gondii (Qualitative)
Mycoplasma Hominis (Qualitative)
Mycoplasma Genitalium (Qualitative)
Neisseria Gonorrhoeae (Qualitative)
Trichomonas Vaginalis (Qualitative)
Ureaplasma Urealyticum,Ureaplasma Parvum (Qualitative)
Varicella-Zoster Virus(VZV) (Qualitative)
STD PANEL (Chlamydia Trachomatis,Neisseria Gonorrhoeae,Ureaplasma ,Mycoplasma ,Trichomonas Vaginalis)
CMV (Quantitative)
EBV (Quantitative)
HCV (Quantitative)
HBV (Quantitative)
Total IgE Level
Phadiatop Level
Eosinophil Cationic Protein (ECP)
Specific IgE/Each Allergen
Anti-Cardiolipin IgG
Anti-Cardiolipin IgM
Anti-Phospholipid IgG
Anti-Phospholipid IgM
U1RNP (RNP70, A&C Proteins)
RNP 70 Antibodies
Sm Antibodies
SS-A/Ro Antibodies
SS-B/La Antibodies
ANCAc Antibody Identification- PR3 (Proteinase 3)
ANCAp Antibody Identification- MPO (Myeloperoxidase)
CENP Antibodies (Centromere Protein B)
Scl-70 Antibodies
Jo-1 Antibodies
GBM (α 3 chain of collagen IV) Antibodies
ds DNA (Double Stranded DNA)

CCP (Citrullinated Synthetic Peptides) Antibodies
Celikey Transglutaminase IgA
Celikey Transglutaminase IgG
Gliadin IgA (Wheat Gliadin Proteins)
Gliadin IgG (Wheat Gliadin Proteins)
β 2-Glycoprotein I IgG Antibodies
β 2-Glycoprotein I IgM Antibodies
ANA Profile(U1RNP, Ro, La, Centromere B, Scl-70 and Jo-1)
Gaucher Disease
CVD Panel
CVD T
FV Leiden-PTH (Factor II Prothrombin) (G20210A)
FV Leiden- PTH (Factor II Prothrombin) (G20210A)-MTHFR C677T
FV Leiden (G1691A)
FV Cambridge (G1091C)
Factor V H 1299R (FVR2)
Factor II Prothrombin (G20210A) or PTH
MTHFR (C677T)
MTHFR (A1298 C)
Factor XIII (V34 L)
PAI-1 (4G/5G)
FMF
α - Globin (Alpha Thalassemia)
β - Globin (Beta Thalassemia)
Y Chromosome Microdeletion
PGX-HIV
PGX-TPMT
PGX-CYP2D6
PGX-CYP2C19
PGX-5FU
BRAF 600/601
BRAF
KRAS
KRAS-BRAF
KRAS 12/13/61
FCGR
EGFR
Haemochromatosis A
Haemochromatosis B
PGX- Thrombo
Cystic Fibrosis
CAH
Sugar Intolerance
Lactose Intolerance
ApoE

Indication
Transplantation, disease association, failed pregnancy ,paternity testing
Transplantation, disease association, failed pregnancy ,paternity testing
Transplantation, disease association
Disease association
Disease association
Pre and post transplant immunological monitoring of anti HLA anti body production
Pre and post transplant immunological monitoring for specific anti body production by the recipient against the donor
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Pre and post transplant immunological monitoring for specific anti body production by the recipient against the donor
Post Transplant Monitoring, therapeutic drug level for Everolimus
Post Transplant Monitoring ,therapeutic drug level for Cyclosporine
Post Transplant Monitoring ,therapeutic drug level for Cellcept , Myfortic ,MMF level
Post Transplant Monitoring ,therapeutic drug level for Rapamune
Post Transplant Monitoring ,therapeutic drug level for Prograf
Immunology and Transplantation
Immunology and Immunity testing
Immunology and Immunity testing
Tumor grade (Cancer prognosis)
for Immunology, HIV and Transplantation
for Immunology, HIV and Transplantation
for Immunology, HIV and Transplantation
Cell Activation
Transplantation and HIV
Transplantation and HIV
Immunology and Transplantation
Immunology and Transplantation
Leukemia/CLL
Leucocytes Count
Failed IVF/NK cells
Mabthera treatment monitoring for Transplantation and Cancer
Transplantation and Simulect treatment monitoring
Platelet
Memory/activated T cells and on cortical Thymocytes
Endothelial cells and Stem cells of myeloid lineage
Detection of T lymphocytes
Plasma cells
Plasma cells
Bone Marrow Transplant monitoring and Hematopoietic Stem cells counting
Mesenchymal Stem Cell
Mesenchymal Stem Cell
Mesenchymal Stem Cell
Mesenchymal Stem Cell
Mesenchymal Stem Cell
Pluripotent Stem Cell marker
Pluripotent Stem Cell marker
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Total cell count including counting viable, dead and apoptotic cells
Human Immunodeficiency Virus
Viral Infection
Viral Infection
Viral Infection
Viral Infection
Viral Infection
Bacterial Infection
Fungal Infection
Viral Infection
Bacterial Infection
Viral infection and cervical cancer (70% of all cervical cancer is due to HPV 16 and 18)
Viral infection sexually transmitted disease
Viral infection sexually transmitted disease
Viral infection sexually transmitted disease
Viral infection sexually transmitted disease
Viral infection sexually transmitted disease
Viral infection sexually transmitted disease
Viral infection
Viral infection sexually transmitted disease
Viral Infection
Viral Infection
Viral Infection
Viral Infection
Allergy
Allergy
Allergy driven Asthma
Allergy
For syphilis, antiphospholipid syndrome, livedoid vasculitis, vertebrobasilar insufficiency, Behçet's syndrome, idiopathic thrombocytopenic purpura
For syphilis, antiphospholipid syndrome, livedoid vasculitis, vertebrobasilar insufficiency, Behçet's syndrome, idiopathic thrombocytopenic purpura
Antiphospholipid syndrome, Hughes syndrome, hypercoagulable state, thrombosis in both arteries and veins, miscarriage
Antiphospholipid syndrome, Hughes syndrome, hypercoagulable state, thrombosis in both arteries and veins, miscarriage
U1 nuclear ribonucleoprotein (mixture of recombinant RNP70, A, C) for diagnosis of systemic lupus erythematosus (SLE)
high titers of anti-RNP antibodies are diagnostic of mixed connective tissue disorder (MCTD)
diagnosing of SLE . The measurement of anti-Sm and anti-RNP antibodies is more important in the diagnosis of SLE
Sjögren's Syndrome A antigen/small ribonucleoprotein particle (Ro 52 and 60 kDa)
Sjögren's Syndrome B antigen/Lupus antigen, La ribonucleoprotein domain family, member 3
ANCA (c-ANCA) against proteinase-3 (PR3), which are strongly associated with Wegener's granulomatosis..
Various types of vasculitis, crescentic glomerulonephritis and Churg-Strauss syndrome. sensitive predictor for myocardial infarction
Centromere protein B and is a potential biomarker of small-cell lung cancer, Primary biliary cirrhosis, Systemic sclerosis
DNA topoisomerase Anti Scl-70 antibodies are associated with severe scleroderma disease.
Histidyl-t-RNA synthetase used to diagnose muscle diseases such as polymyositis associated with autoimmune diseases
autoantibodies to the NC1 domain of the alpha-3 chain of type IV collagen (alpha-3(IV) chain) in patients with Goodpasture's disease
the anti-dsDNA test is used in support of a diagnosis of systemic lupus erythematosus (SLE) and distinguishes it from other autoimmune diseases

A cyclic citrullinated peptide (CCP) antibody test with a rheumatoid factor (RF) test to help diagnose rheumatoid arthritis
Quantitative determination of IgA antibodies to tTG and gliadin, the most clinically relevant antibodies in the differential diagnosis of celiac disease
Quantitative determination of IgG antibodies to tTG and gliadin, the most clinically relevant antibodies in the differential diagnosis of celiac disease
Allergy
Allergy

This assay is used in the diagnosis of antiphospholipid syndrome, Vascular Thrombosis, Pregnancy Morbidity.

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C3c and C4c; DNA (ds) Antibody; Ribosomal P ; Sm Antibody; Sm/RNP; Sjögren's Antibodies (SS-A, SS-B); Thyroid

Detection of 8 mutations and two recombinant alleles in the glucocerebrosidase (GBA) gene
Testing for 12 mutations/polymorphisms associated with cardiovascular disease
Testing for 9 genetic variants predisposing to venous thromboembolism
Detection of the Factor V Leiden and Prothrombin gene mutations
Detection of the Factor V Leiden, Prothrombin and MTHFR C677T gene mutations
Detection of the Factor V gene mutation (FV Leiden)
Detection of the Factor V gene mutation (FV Cambridge)
Detection of the Factor V gene mutation (FV R2)
Detection of the Prothrombin or Factor II gene mutation G20210A
Detection of the MTHFR gene mutation C677T
Detection of the MTHFR gene mutation A1298 C
Detection of the FXIII -V34L gene mutation
Detection of the Plasminogen activator inhibitor(PAI-1) gene mutation
Detection of 12 MEFV gene mutations
Detection of 21 common α -Globin gene mutations
Detection of 6 mutations: IVS-1, IVS-2, IVS-1-110, IVS-2-745, IVS-6 and Sickle Cell Mutations
Detection of 8 deletions of :SY14, ZFY, SY84, SY86, SY127, SY134, SY254, SY255
Testing for genotypes associated with response to HIV highly active anti-retroviral therapy (HAART)
Detection of the TPMT allelic variants *2, *3A, *3B and *3C associated with response to thiopurine therapy
Testing for CYP2D6 *3, *4 and *6 variants
Testing for CYP2C19 *2, *3, *4, *5, *6, *7, *8 and *17 variants
Detection of DPD allelic variant IVS14+1 G>A associated with toxicity of 5-FU therapy
Ultra-sensitive detection of 9 BRAF mutations in codons 600 and 601
Ultra-sensitive detection of BRAF V600E mutation
Ultra-sensitive detection of 10 KRAS mutations in codons 12 and 13
Ultra-sensitive detection of 10 KRAS mutations in codons 12/13 and BRAF V600E mutation
Ultra-sensitive detection of 13 KRAS mutations in codons 12/13/61
Detection of allelic variants of Fc gamma-Receptor 2A(H131R) and 3A (F158V) associated with response to IgG antibodies
Detection of somatic mutations and deletions/insertions in the EGFR gene, Lung cancer therapy follow up
Detection of 18 mutations: twelve HFE mutations, four TFR2 mutations and two FPN1 mutations
Detection of 3 HFE gene mutations: C282Y, H63D, S65C
Testing for CYP2C9 and VKORC1 variants associated with anticoagulant dose requirements (Coumadin®, Marcumar®, S
Detection of 34 common CFTR mutations and the IVS8 variants 5T/7T/9T
Testing for 11 CYP21A2 mutations
Detection of two lactase (LCT) gene polymorphisms and four aldolase B gene mutations
Detection of two lactase (LCT) gene polymorphisms- 13910 T/C and- 22018 A/G
Detection of isoforms Apo E2, E3 and E4

HLA alleles

c spontaneous abortion, and systemic lupus erythematosus (SLE)
c spontaneous abortion, and systemic lupus erythematosus (SLE)
riage, stillbirth, preterm delivery, or sever preeclampsia
riage, stillbirth, preterm delivery, or sever preeclampsia
E), mixed connective tissue

rdial infarction in patients with chest pain
erma

e. interstitial lung disease
asture syndrome (GP)
her autoimmune disorders. The test is typically ordered following a positive ANA

itis (RA) and to assess its severity
itial diagnosis of celiac disease
itial diagnosis of celiac disease

l Peroxidase Antibody (TPO); Scleroderma Antibody (Scl-70); Rheumatoid Factor

ly therapy

Sintrom®)