

FREQUENTLY ORDERED TESTS

Visit njlabs.org for a complete list of tests offered by National Jewish Health Advanced Diagnostic Laboratories.

Immunology & Complement

Test Name	Test Code
Neutrophil Adherence Markers (CD11a, b, c and CD18)	ADHM
AH50 Alternative Complement Pathway Activity	AH50
Anti-nuclear Antibodies	ANA
Anti-nuclear Antibodies Profile Screen (4AG)	ENADNA
Anti-IgE Receptor Antibody	IGERAB
B Cell Marker (CD19)	CD19M
B Cell Marker (CD20)	CD20M
Neutrophil Bactericidal Activity	BACT
Beryllium Lymphocyte Stimulation (Bronchoalveolar Lavage)	BEBAL
Bb Level	BBLL
Beryllium Specific Lymphocyte Stimulation (Blood)	BER1
C1 Esterase Inhibitor Function, Chromogenic	CEICHR
C1 Esterase Inhibitor Level	CEIQ
C1 Function	C1F
C1-INH Autoantibody	CEIAP
C1q Autoantibody Test	C1QAB
C1q Function	C1QH
C1q Level	C1Q
C1r Level	C1RL
C1s Level	C1SL
C2 Function	C2F
C2 Level	C2L
C3 Level	C3
C3 Function	C3F
C3 Nephritic Factor	C3NEF
C3/C4 Level Panel	C3C4
C3a desArg Level	C3ALE
C4 Level	C4
C4 Function	C4F
C4a desArg Level	C4ALE
C4d Level	C4D
C5 Function	C5F
C5 Level	C5L

Test Name	Test Code
C5a desArg Level	C5ALE
C6 Function	C6F
C6 Level	C6L
C7 Function	C7F
C7 Level	C7L
C8 Function	C8F
C8 Level	C8L
C9 Function	C9F
C9 Level	C9L
CCP Antibody	CCP
CD11a	CDA11
CD11b	11BO
CD11c	C11CO
CD16, 56 (NK Cells)	NKMK
CD18	CD180
CD4 (T Helper Cells)	CD4M
CH50 Classical Complement Pathway Activity	CH50
Neutrophil Chemotaxis	CTX
Complement Late Components, Functional Screen	C59S
Cryoglobulin Screen	CRYOS
Diphtheria Antibody Titer	DIPHT
DNA, Double Stranded	DNAC
Environmental Mold Preparation for Serum Precipitins	ENV
Extended B Cell Panel (CD21/CD38/IgM)	XBCP
Factor B Function	PFBF
Factor B Level	FBL
Factor D Function	FDL
Factor D Level	FDL
Factor H Function	FHF
Factor H Level	FH
Factor I Level	FIL
Granulocyte Macrophage Colony-Stimulating Factor (GM-CSF)	GMCSF
Haemophilus Influenza AB	HIB

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Immunology & Complement, Continued

Test Name	Test Code
ic3b Level	IC3B
IFN γ and IL17 CD4 Cells (by intracellular cytokine straining)	TH17C
IFN γ Autoantibodies	IFNGAB
IgE, Total	IGE
IgG Subclasses	IGSUB
IL-12 Receptor	IL12R
Immune Complexes	CIC
Immunoglobulin A (IgA)	IGA
Immunoglobulin A (IgA), Low Level	LLIGA
Immunoglobulin G (IgG)	IGG
Immunoglobulin M (IgM)	IGM
Interferon Gamma Receptor	INFRGR
Lymphocyte Immunophenotyping (Bronchoalveolar Lavage)	LAVTB
Lymphocyte Stimulation - CONA	LCONA
Lymphocyte Stimulation - Candida	LCAN
Lymphocyte Stimulation - Tetanus	LTET
Lymphocyte Stimulation – Mitogen PHA	LPHA
Lymphocyte Stimulation – Mitogen PWM	LPWM
Lymphocyte Stimulation to Nickel	NICKLT
Lymphocyte Enumeration Panel (CD3/4/8/19/16 and 56)	TBCDC
Mannose Binding Lectin	MLEC
Memory and Naive T Cells (CD4/CD45RA/RO)	C4RARO
Memory B Cells	MEMB
Mumps Antibody	MUMS
Myeloperoxidase Antibody	MPOAB

Test Name	Test Code
Myositis Antibodies Panel	MYOSP
Anti-neutrophil Cytoplasmic Antibody (ANCA)	CYNT
Neutrophil Oxidative Burst (Dihydrorhodamine)	DHR
Neutrophil Oxidative Burst (Nitroblue Tetrazolium)	NBT
Pneumococcal Antibodies Titer	PNU12
Properdin Level	PROP
Proteinase 3 Antibody	PR3AB
Recent Thymic Emigrants (CD4/CD45RA/CD31)	CD4RTE
Regulatory T Cells (CD4/FOXP3/CD25)	FOXP3
Rheumatoid Factor	RFQ
Rubella Antibody	RUBLA
Rubeola Antibody	RUBS
Salivary IgA	SIGA
SC5B9 Level	SC5B9
Scl-70 Antibody	SCL70
Special Antigen Preparation for Serum Precipitins	PPTP
SSA Antibody	SSAB
SSB Antibody	SSBB
TB QuantiFERON® Gold in-tube Test	QFT
TCR $\alpha\beta$ and TCR $\gamma\delta$	TCABGD
Tetanus Antibody Titer	TET
Antithyroglobulin Antibody	ATG
Anti-thyroid peroxidase	TPO
Total T and B Cells (CD3, CD19)	CD3, CD19
T-Spot. <i>TB</i>	TSPOT
Varicella Zoster Antibody	VARS

Soluble Cytokine Panels

Test Name	Test Code
TH1/TH2 Panel A (Luminex Multiplex Bead Array). Cytokine; Interleukin 2, 4, 5, 6, 10, 12, Interferon Gamma (IFN γ), Tumor Necrosis Factor alpha (TNF α)	THPNLA
TH1/TH2 Panel B (Luminex Multiplex Bead Array). Cytokine; Interleukin 2, 4, 5, 10, Interferon Gamma (IFN γ), Tumor Necrosis Factor alpha (TNF α)	THPNLB
TH1 Cytokine 4 Plex Panel by Luminex. Cytokine; Interleukin 2, 12, Interferon Gamma (IFN γ), Tumor Necrosis Factor alpha (TNF α)	TH1
TH2 Cytokine 4 Plex Panel by Luminex. Cytokine; Interleukin 4, 5, 6, 10	TH2P

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Mycobacteria Detection, Identification and Antimicrobial Susceptibility Testing

Test Name	Test Code
Acid-Fast Bacilli Identification	AFB4
Acid-Fast Bacilli Smear and Culture	AFB1
Acid-Fast Bacilli Smear and Culture (NTM)	AFB3
Differentiation within <i>M. abscessus</i> group	AFB5
Nucleic Acid Amplification Test (NAAT) (Formalin-fixed tissue blocks are accepted)	AFB2
10-Drug Agar Proportion Method	MTB1
First-Line Drugs: Isoniazid, Rifampin, Ethambutol and Pyrazinamide	MTB2
Molecular Extensively Drug-Resistant (XDR) TB Screen	MTB5
Molecular Multidrug-Resistant (MDR) TB Screen	MTB4
MTB Complex Species Identification	MTB7
Pyrazinamide MIC	MTB3

Test Name	Test Code
Single-Drug MIC (MTB Complex)	MTB6
Single-Drug MIC (Rapidly Growing NTM)	NTM5
Single-Drug MIC (Slowly Growing NTM)	NTM3
10-Drug MIC: Includes Rifampin/Ethambutol Combo (Slowly Growing NTM)	NTM10
15-Drug MIC: Includes Amikacin/Clofazimine Combo (Rapidly Growing NTM)	NTM4
20-Drug MIC (Rapidly Growing NTM) for Human and Veterinary Use	NTM6
Rifampin/Ethambutol Combo (Includes RIF and EmB Single Drug MIC)	NTM9
10-drug MIC (includes Rifampin/Ethambutol combo)	NTM10
Respiratory Viral Panel (PCR)	RESPCR
MRSA Detection by PCR	RMRSA

Antimicrobials Tested for Various Mycobacteria

Drug	TB	Slowly Growing NTM	Rapidly Growing NTM
Amikacin	x	x	x
Augmentin			x
Azithromycin	x	x	x
Capreomycin	x		
Cefepime			x
Cefotaxime			x
Cefoxitin			x
Ceftriaxone			x
Ciprofloxacin	x	x	x
Clarithromycin	x	x	x
Clofazimine	x	x	x
Clofazimine/Amikacin			x
Cycloserine	x	x	
Doxycycline			x
Ethambutol	x	x	
Ethambutol/Rifampin		x	
Ethionamide	x	x	
Gentamycin			x

Drug	TB	Slowly Growing NTM	Rapidly Growing NTM
Imipenem			x
Isoniazid	x		
Kanamycin	x	x	x
Levofloxacin	x	x	
Linezolid	x	x	x
Minocycline			x
Moxifloxacin	x	x	x
Ofloxacin	x	x	
para-Aminosalicylic Acid (PAS)	x		
Pyrazinamide	x		
Rifabutin	x	x	
Rifampin	x	x	
Streptomycin	x	x	
Tigecycline			x
Tobramycin			x
Trimethoprim/Sulfamethoxazole			x

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Pharmacokinetics

Test Name	Test Code
Abacavir by HPLC	ABALH
Amoxicillin by LC/MS	AMXLB
Amprenavir by HPLC	AMPL
Atazanavir by HPLC	ATAZ
Azithromycin by MPLC	AZL
Capreomycin by HPLC	CMH
Ciprofloxacin by HPLC	CIPH
Clarithromycin by HPLC	CLART
Clofazimine by HPLC	CFH
Cortisol by HPLC	CORTH
Cycloserine by Colorometric	CSH
Darunavir by HPLC	DARU
Delavirdine by HPLC	DELV
Efavirenz by HPLC	EFVL
Emtricitabine by HPLC	EMH
Ethambutol by GC/MS	EMBH
Ethionamide by HPLC	ETAH
Fluconazole by HPLC	FLUCZ
Indinavir by HPLC	INDL
Isoniazid by HPLC	INH
Itraconazole by HPLC	ITRL
Lamivudine by HPLC	LAMLH

Test Name	Test Code
Levofloxacin by HPLC	LFLHL
Linezolid by HPLC	LNZL
Lopinavir by HPLC	LOPV
Moxifloxacin by HPLC	MXFL
Nelfinavir by HPLC	NLFL
Nevirapine by HPLC	NEV
Ofloxacin by HPLC	OFLHL
P-Aminosalicylic Acid by HPLC	PASH
Posaconazole Level by HPLC	POSA
Pyrazinamide by GC/MS	PZAH
Raltegravir by HPLC	RALLH
Rifabutin by HPLC	RBN
Rifampin by HPLC	RIFH
Rifapentine by HPLC	RFPTN
Ritonavir by HPLC	RTVL
Saquinavir by HPLC	SAQL
Sildenafil by HPLC	SILLH
Stavudine by HPLC	STVLH
Streptomycin by HPLC	SMH
Tipranavir by HPLC	TIPV
Voriconazole by HPLC	VORZ

Genetic Testing

Test Name	Test Code
C2 Deficiency Genetic Analysis	C2TYIP
CFTR Full Gene Sequencing Test	CFMDX
Factor XII SNP Analysis	FXIISA
Filaggrin	FLG
STAT3- SH2 and DNA Binding Sequencing Test	STAT3