



# RHEUMATOLOGIST SERVICES



# FULL-SERVICE CAPABILITIES

for the rheumatology specialist

## LabCorp's Rheumatology Services

- Comprehensive rheumatology menu
- Broad capabilities in autoimmune testing
- Specialized assays for treatment monitoring
- Multiple connectivity options
- Extensive network of managed care health plans

## Scientific Expertise

LabCorp employs a knowledgeable staff of PhD-level scientists focused on the development and service of testing that supports the needs of the rheumatology practice.

- Experienced medical affairs professionals are available for consultation and educational programs
- Rheumatoid Arthritis and Systemic Lupus Erythematosus (SLE) diagnostic profiles
- Anti-Nuclear Antibody (ANA) testing using IFA for disease screening and immunoassay methods for monitoring
- Monitoring assays that may help optimize biologics and Methotrexate treatment
- Joint Aspiration Fluid Testing
- Tuberculosis (TB) blood screening to qualify patients for immunosuppressant drugs

## Superior Service

LabCorp's national infrastructure and specialized rheumatology service features make it easier for clients to manage their laboratory testing needs.

- Rheumatologist Test Requisition Form
- Over 1900 patient service centers located nationwide
- Client, patient, and third-party billing options
- Specialty-trained rheumatology account representatives
- LabCorp offers a dedicated hotline for biologic drug monitoring
  - Biologic Monitoring Hotline: 844-225-8877

## Connectivity

- More than 600 system integrations with various EMR/EHR, LIS, and HIE systems
- LabCorp Link™ feature helps to improve and enhance the quality of the demographic data
- LabCorp Link™ offers a global search for referral physicians who have a current lab account with LabCorp
- Patient™ Mobile App allows patients to view lab test results, schedule appointments, and more

## Innovation

LabCorp is committed to remaining at the forefront in rheumatology through expertise and advancements of rheumatology services and the continual investment in information technology and scientific discovery.

## Testing Services

LabCorp features a full-service offering to support physicians in the evaluation of patients for rheumatic diseases. LabCorp's leading services include:

- **DoseASSURE™**, LabCorp's portfolio of biologics assays that monitor drug concentration and antibody levels to help optimize dosing and frequency: Adalimumab, Certolizumab, Etanercept, Golimumab, Infliximab, Rituximab, Ustekinumab
- **Thiopurine:** TPMT metabolites, TPMT genotyping, and TPMT enzyme Activity
- **Methotrexate (MTX) Polyglutamates Test:** Monitors MTX polyglutamates to determine effectiveness of MTX therapy
- **Anti-CCP 3.1:** Next generation Anti-cyclic Citrullinated Peptide (anti-CCP) provides improved sensitivity and early detection for Rheumatoid Arthritis
- **14-3-3 eta:** Aids in identifying patients with early RA, as it provides a 15% incremental benefit to the diagnostic sensitivity of markers, Rheumatoid Arthritis (RA) Factor and Cyclic Citrullinated Peptide (CCP) Antibodies.<sup>1</sup>
- **QuantiFERON®-TB Gold Plus:** Tuberculosis (TB) blood test allows for screening in a single office visit and is appropriate for immune-compromised patients and those considering biologics therapy



### Reference

1. Carrier N, Marotta M, de Brum-Fernandes A, Liang P, Masetto A, Menard HA, et al. Serum levels of 14-3-3η protein supplement C-reactive protein and rheumatoid arthritis-associated antibodies to predict clinical and radiographic outcomes in a prospective cohort of patients with recent-onset inflammatory polyarthritis. *Arthritis Research & Therapy*. 2016; 18(37) 1-14.

## Rheumatoid Arthritis

14.3.3 eta, Rheumatoid Arthritis	504550
C-Reactive Protein (CRP), Quantitative	006627
Cyclic Citrullinated Peptide (CCP) Antibodies, IgA, IgG, ELISA	164914
RheumAssure™	504509
Rheumatoid Arthritis HLA Association	167418
Rheumatoid Arthritis (RA) Factor	006502
Rheumatoid Arthritis (RA) Profile	164065
Sedimentation Rate, Modified Westergren	005215

## Systemic Lupus Erythematosus (SLE)

Antichromatin Antibodies	012580
Anti-dsDNA (Double-stranded) Antibodies	096339
Antiextractable Nuclear Antigens	006338
Antihistone Antibodies	012518
Anti-Smith Antibodies	016360
Complement C <sub>3</sub>	006452
Complement C <sub>4</sub>	001834
Lupus Anticoagulant Comprehensive	117054
Lupus Anticoagulant Profile (Esoterix)	500070
Systemic Lupus Erythematosus (SLE) Profile B (Antideoxyribonucleoprotein antibodies; antideoxyribonucleoprotein antibodies with antichromatin antibodies; anti-DNA (double-stranded) antibodies; antinuclear antibodies; complement C <sub>3</sub> ; complement C <sub>4</sub> )	203752
Systemic Lupus Erythematosus (SLE) Profile C (Anti-dsDNA (double-stranded) antibody, quantitative; Sjögren's anti-SS-A; Sjögren's anti-SS-B; Smith antibody)	252908

## Autoimmune (Other)

Anticentromere B Antibodies	164814
Antichromatin Antibodies	012580
Anti-dsDNA (Double-stranded) Antibodies	096339
Anti-Jo-1	161455
Antinuclear Antibodies (ANA), by IFA	164947
Antinuclear Antibodies (ANA) by IFA, Reflex to 9-biomarker profile, dsDNA, RNP, Sm, SS-A, SS-B, Scl-70, Chromatin, Jo-1, Centromere B by Multiplex Immunoassay	340897
Antinuclear Antibodies (ANA), by IFA, Reflex to 11-biomarker profile, dsDNA, RNP, Sm, SS-A, SS-B, Scl-70, Chromatin, Centromere B, Sm/RNP, Ribosomal P by Multiplex Immunoassay	382965
Antiscleroderma – 70 Antibodies	018705
Anti-Smith Antibodies	016360
Celiac Antibodies Profile tTG IgA, tTG IgG, DGP IgA, DGP IgG, EMA IgA, and Total IgA	165126
Complement C1q, Quantitative	016824
Complement C <sub>3</sub>	006452
Complement C <sub>4</sub>	001834
Complement, Total (CH <sub>50</sub> )	001941
Connective Tissue Disease (CTD) Cascade	165590
Endomysial Antibody, IgA	164996
HLA B*58:01, Allopurinol Hypersensitivity	167351
HLA B27 Disease Association	006924
HLA B Intermediate Resolution	167292
Immunoglobulin G, Subclasses (1-4)	209601
Immunoglobulin, Quantitative, IgA, IgE, IgG, IgM	002295
Interleukin-6, Serum	140916
Mitochondrial (M2) Antibody	006650
Sjögren's Antibodies (Anti-SS-A/Anti-SS-B)	012708
Tissue Transglutaminase (tTG), IgA	164640
Tissue Transglutaminase (tTG), IgG	164988

## Treatment Testing

Adalimumab and Anti-Adalimumab Antibody, DoseASSURE™ ADL	504575
Adalimumab and Anti-Adalimumab Antibody (Serial Monitor), DoseASSURE™ ADL	503890
Certolizumab and Anti-Certolizumab Antibody, DoseASSURE™ CTZ	504627
Etanercept and Anti-Etanercept Antibody (Serial Monitor), DoseASSURE™ ETN	504245
Golimumab and Anti-Golimumab Antibody, DoseASSURE™ GOL	504563
Infliximab and Anti-Infliximab Antibody, DoseASSURE™ IFX	503770
Infliximab and Anti-Infliximab Antibody (Serial Monitor), DoseASSURE™ IFX	503870
Methotrexate Polyglutamates	504104
Rituximab and Anti-Rituximab Antibody, DoseASSURE™ RTX	504355
Thiopurine Metabolites	503800
Thiopurine Methyltransferase (TPMT), Enzyme Activity, Erythrocytes	510750
Thiopurine Methyltransferase (TPMT) Genotyping	504142
Ustekinumab and Anti-Ustekinumab Antibody, DoseASSURE™ UST	504594

## Sarcoidosis

Anticentromere B Antibodies	164814
Angiotensin-converting Enzyme (ACE)	010116
Lysozyme	080713

## Scleroderma

Antinuclear Antibodies (ANA), Qualitative, by Multiplex Immunoassay	164855
Antiscleroderma – 70 Antibodies	018705
Scleroderma Diagnostic Profile	052373

## Vasculitis

Antimyeloperoxidase (MPO) Antibodies	163840
Antineutrophil Cytoplasmic Antibody (ANCA) Profile	163873
Antineutrophil Cytoplasmic Antibodies (ANCA)	162388
Antiproteinase 3 (PR3) Antibodies	163857
Cryoglobulin, Qualitative With Quantitative Reflex	001594

## Bone and Calcium

Alkaline Phosphatase	001107
Calcitriol (1,25 di-OH Vitamin D)	081091
Calcium	001016
Calcium, Ionized	004804
Calcium, Urine	003269
N-Telopeptide Cross-links (NTx)	140830
N-Telopeptide Cross-links (NTx), Urine	141093
Osteocalcin	010249
Parathyroid Hormone (PTH), Intact	015610
Vitamin D, 25-Hydroxy	081950

## Muscle Enzymes

Aldolase	002030
Creatine Kinase (CK), Total	001362
Creatine Kinase (CK), Total Plus Isoenzymes	002154
Lactic Acid Dehydrogenase (LD)	001115

## Antiphospholipids and Coagulation

Anticardiolipin Antibodies (ACA), IgA, IgG, IgM, Quantitative	161950
Antiphospholipid Syndrome (APS), Comprehensive (Esoterix)	504400
Antiphospholipid Syndrome (APS) Profile	117079
β-2 Glycoprotein 1 Antibodies, IgA, IgG, IgM	163915
Hexagonal Phase Phospholipid (HPP)	117838
Homocyst(e)ine	706994
Lupus Anticoagulant/Cardiolipin Antibody (Esoterix)	500711
Lupus Anticoagulant With Reflex	117892
Prothrombin Time (PT) and Partial Thromboplastin Time (PTT)	020321

## Infectious Disease

Antistreptolysin O (ASO) Antibodies	006031
Epstein-Barr Virus (EBV) Acute Infection Antibodies Profile (EBV-EA, IgG; EBV-VCA, IgG; EBV-VCA, IgM; Epstein-Barr nuclear antigen antibodies [EBNA]; interpretation)	216655
Hepatitis A Antibody, (IgM)	006734
Hepatitis B Virus (HBV) Evaluation Profile	037215
Hepatitis C Virus (HCV) Antibody With Reflex to Quantitative Real-time PCR	144050
Hepatitis Panel, Acute (Hepatitis A antibody, IgM; hepatitis B core antibody, IgM; hepatitis B surface antigen; hepatitis C virus antibody)	322744
Lyme Disease Antibodies Total and IgM, With Reflex to Western Blot on Positive	258004
Lyme Disease <i>Borrelia burgdorferi</i> , Real-time PCR	138685
Parvovirus B19 (Human), IgG, IgM	163303
Rapid Plasma Reagin (RPR), Qualitative Test	006072

## Joint Aspiration Fluid Testing

Body Fluid Culture, Sterile Routine	180802
Cell Count, Crystals and Mucin Clot, Synovial Fluid	032714
Cell Count Synovial Fluid, With Crystals	005231
Cell Count Synovial Fluid, Without Crystals	215996
Crystal, Synovial/Joint Fluid	005355
Glucose, Body Fluid	019497
Lactic Acid Dehydrogenase (LD), Body Fluid	100156
Mucin Clot	006841
Protein, Total, Body Fluid	019588
Rheumatoid Arthritis (RA), Quantitative, Fluid, Hemagglutination	161463
Uric Acid, Body fluid	019505

## Endocrine

Cortisol	004051
Estradiol	004515
Follicle-stimulating Hormone (FSH) and Luteinizing Hormone (LH)	028480
Human Chorionic Gonadotropin (hCG), β-Subunit, Quantitative	004416
Testosterone, Total	004226
Testosterone, Total, Women, Children, Hypogonadal Males, LC/MS-MS	070001
Thyroid Cascade Profile	330015
Thyroid Peroxidase (TPO) Antibodies	006676
Thyroid-stimulating Hormone (TSH)	004259
Thyroxine (T <sub>4</sub> )	001149
Thyroxine (T <sub>4</sub> ), Free, Direct	001974

## Other

Albumin	001081
Albumin/Creatinine Ratio, Random Urine	140285
C-Reactive Protein (CRP), Quantitative	006627
Creatinine	001370
Ferritin	004598
Folate, RBC	266015
Glucose	001032
Glucose 6-Phosphate Dehydrogenase (G6PD), Quantitative, Whole Blood and	001917
Red Blood Cell Count (RBC)	
Hemoglobin (Hb) A <sub>1c</sub>	001453
Immunofixation (IFE) and Protein Electrophoresis, Random Urine	122390
Immunofixation (IFE), Serum	001685
Iron and Total Iron-binding Capacity (TIBC)	001321
Magnesium	001537
Phosphorus	001024
Protein Electrophoresis, Random Urine	354928
Protein Electrophoresis With Interpretation, Serum	225920
Protein, Total, Quantitative, 24-Hour Urine	003277
Sedimentation Rate, Modified Westergren	005215
Uric Acid	001057
Vitamin B <sub>12</sub>	001503
Vitamin B <sub>12</sub> and Folate	000810