National Jewish Health
Science Transforming Life

ADx Laboratories
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COMPLEMENT

Patient Last, First Name, M.I. (Required)	Date of birth (Required)	☐ Male ☐ Female	Mail results to: (Required)
Collection date / Collection time / Patient ID / Diagnosis (ICD-9) code			
Referring physician and specialty	Physician UPIN# / Physician NPI#		
Secure fax # for lab results / Physician phone # / Facility phone #			P.O. #

COMPLETE SECTION BELOW ONLY IF BILLING ADDRESS IS DIFFERENT FROM THE 'MAIL RESULTS TO' ADDRESS

Please Bill:	Responsible Party (Last, First,):	Medicare (HIC) #
☐ Medicare ☐ Colorado Medicaid ☐ Patient (Pre-Pay) ☐ Check ☐ Money Order ☐ Visa ☐ MasterCard ☐ AMEX ☐ Discover	Street Address:	Colorado Medicaid ID #
Name on Card_____ Credit Card #_____	City / State / Zip	Social Security #
Exp. Date_____CVV Code_____	Telephone #	Patient bills must be prepaid or accompany specimen

TOTAL COMPLEMENT ASSAYS

CH50	CH50, total classical pathway activity by hemolytic assay
AH50	AH50, alternative pathway activity by hemolytic assay

FUNCTIONAL HEMOLYTIC ASSAYS FOR INDIVIDUAL COMPONENTS

C1QH	C1q function by hemolytic assay
C1F	C1 function by hemolytic assay
C2F	C2 function by hemolytic assay
C3F	C3 function by hemolytic assay
C4F	C4 function by hemolytic assay
C5F	C5 function by hemolytic assay
C6F	C6 function by hemolytic assay
C7F	C7 function by hemolytic assay
C8F	C8 function by hemolytic assay
C9F	C9 function by hemolytic assay
PFBF	Factor B function by hemolytic assay
FDF	Factor D function by hemolytic assay
CEIF	C1-esterase inhibitor function by ELISA (C1-INH)
C59S	Rapid screen for deficiency of late components (C5 - C9)

CONCENTRATIONS OF INDIVIDUAL COMPONENTS

C1Q	C1q level by RID
C1RL	C1r level by RID
C1SL	C1s level by RID
C2L	C2 level by RID
C3	C3 level by nephelometry
C4	C4 level by nephelometry
C5L	C5 level by RID
C6L	C6 level by RID
C7L	C7 level by RID
C8L	C8 level by RID
C9L	C9 level by RID
FBL	Factor B level by RID (properdin factor B, or C3PA)
FH	Factor H level by RID (β-1H)
FIL	Factor I level by RID (C3b-INA,KAF)
PROP	Properdin level by ELISA
CEIQ	C1-esterase inhibitor level by ELISA (C1-INH)
MLEC	Mannose binding lectin by ELISA
CIC	Circulating immune complexes (C1q-binding and C3d)

INDIVIDUAL COMPLEMENT SPLIT PRODUCT LEVELS
(CP = classical pathway activation, AP = alternative pathway activation)

C3AL	C3ades Arg level by RIA (C3 anaphylatoxin)(CP and/or AP)
C4AL	C4ades Arg level by RIA (C4 anaphylatoxin)(CP)
C5AL	C5ades Arg level by RIA (C5 anaphylatoxin, complement derived chemotactic factor) (CP and/or AP)
IC3B	iC3b level by ELISA (CP and/or AP)
C4D	C4d level by ELISA (CP)
BBL	Bb level by ELISA (AP)
SC5B9	SC5b-9 level by ELISA (terminal complement complex)
C4RAT	Ratio of C4d to C4

SOLUBLE CYTOKINES

GMCSF	Granulocyte macrophage colony stimulating factor
ILONEA	Interleukin 1 alpha
ILONEB	Interleukin 1 beta
ILTWO	Interleukin 2
IL3	Interleukin 3
IL4	Interleukin 4
IL5	Interleukin 5
ILSIX	Interleukin 6
IL8	Interleukin 8
IL10	Interleukin 10
IL12	Interleukin 12
INFBE	Interferon beta
INFGA	Interferon gamma
TNFA	Tumor necrosis factor alpha
INFAL	Interferon alpha

AUTOANTIBODIES TO COMPLEMENT COMPONENTS

C3NEF	C3 nephritic factor by 2-D Immunoelectrophoresis
C1QAB	Autoantibody to C1q by ELISA (C1q-CLR)
CEIAP	Autoantibody to C1-inhibitor by ELISA

COMMENTS:_____

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☐ **Serum** ☐ **Plasma** ☐ **Blood** ☐ **Urine**