

**Complement Testing**

**1. PATIENT INFORMATION**

Patient Name (Last, First) DOB \_\_\_ / \_\_\_ / \_\_\_\_\_

Male  Female  Neutral/Other  Unknown

**2. BILLING INFORMATION - INSTITUTIONAL BILLING ONLY**

National Jewish Health Advanced Diagnostic Laboratories does not bill patients directly or third-party health insurance. Visit njlabs.org or call for details.

Client ID

Client Name

Address

City State Zip

Phone Secure Fax

**3. REPORT DELIVERY INFORMATION**

Same as Billing Address

Client ID

Client Name

Address

City State Zip

Phone Secure Fax

**4. SPECIMEN INFORMATION**

Specimen Source:  Serum  EDTA Plasma  Blood  Urine

Form completed by

Date

Collect Date

Collect Time

Submitter Specimen #

Phone

**5. TOTAL COMPLEMENT ACTIVITY ASSAYS**

SERUM REQUIRED - ONE ALIQUOT PER TEST REQUESTED\*

CH50

Total classical pathway activity by hemolytic titration

AH50

Alternative pathway activity by hemolytic titration

**6. FUNCTIONAL ASSAYS FOR INDIVIDUAL COMPONENTS**

SERUM REQUIRED - ONE ALIQUOT PER TEST REQUESTED\*

<input type="checkbox"/> C1QF	C1q function by hemolytic assay	<input type="checkbox"/> C7F	C7 function by hemolytic assay
<input type="checkbox"/> C1F	C1 function by hemolytic assay	<input type="checkbox"/> C8F	C8 function by hemolytic assay
<input type="checkbox"/> C2F	C2 function by hemolytic assay	<input type="checkbox"/> C9F	C9 function by hemolytic assay
<input type="checkbox"/> C3F	C3 function by hemolytic assay	<input type="checkbox"/> FBF	Factor B function by hemolytic assay
<input type="checkbox"/> C4F	C4 function by hemolytic assay	<input type="checkbox"/> FDF	Factor D function by hemolytic assay
<input type="checkbox"/> C5F	C5 function by hemolytic assay	<input type="checkbox"/> FHF	Factor H function by hemolytic assay
<input type="checkbox"/> C6F	C6 function by hemolytic assay	<input type="checkbox"/> INHF	C1 esterase inhibitor function, Chromogenic

**7. AUTOANTIBODIES TO COMPLEMENT COMPONENTS**

SERUM REQUIRED - ONE ALIQUOT PER TEST REQUESTED\*

<input type="checkbox"/> C3NF	C3 nephritic factor by Immunofixation Electrophoresis
<input type="checkbox"/> C1QAB	Autoantibody to C1q by ELISA (C1q-CLR)
<input type="checkbox"/> INHA	Autoantibody to C1-inhibitor by ELISA
<input type="checkbox"/> FHAB	Autoantibody to Factor H by ELISA

**8. COMPLEMENT KIDNEY PANELS**

SEE INDIVIDUAL TESTS FOR SPECIMEN SOURCE REQUIREMENTS\*

C3GN C3 Glomerulopathy C3GN, DDD or Unknown Subclass Panel includes AH50, CH50, FBL, BbL, C3NF, FHL, FIL, CD46\*\*, sC5b9  
 Specimen sources required: serum, plasma and whole blood\*\*

LNP Lupus Nephritis Panel includes C3NF, C1C, C1QAB  AHUS aHUS Panel includes FHF, FIL, C3F, CD46\*\*  
 Specimen sources required: serum and plasma Specimen sources required: plasma, serum and whole blood\*\*

**9. INDIVIDUAL COMPLEMENT SPLIT PRODUCT**

PLASMA REQUIRED - ONE ALIQUOT PER TEST REQUESTED\*

<input type="checkbox"/> C3AR	C3a desArg level by RIA	<input type="checkbox"/> C5AR	C5a desArg level by RIA	<input type="checkbox"/> SC5B9	sC5b-9 level by ELISA
<input type="checkbox"/> C4AR	C4a desArg level by RIA	<input type="checkbox"/> BBL	Bb level by ELISA	<input type="checkbox"/> SC59U	sC5b-9 level by ELISA (Urine)

**10. CONCENTRATIONS OF INDIVIDUAL COMPONENTS**

PLASMA REQUIRED - ONE ALIQUOT PER TEST REQUESTED\*

<input type="checkbox"/> C1Q	C1q level by RID	<input type="checkbox"/> C5L	C5 level by RID	<input type="checkbox"/> CIC	Circulating immune complexes (C1q-binding and C3d)	<input type="checkbox"/> FHL	Factor H level by RID
<input type="checkbox"/> C1RL	C1r level by RID	<input type="checkbox"/> C6L	C6 level by RID	<input type="checkbox"/> C8L	C8 level by RID	<input type="checkbox"/> FIL	Factor I level by RID
<input type="checkbox"/> C1SL	C1s level by RID	<input type="checkbox"/> C7L	C7 level by RID	<input type="checkbox"/> C9L	C9 level by RID	<input type="checkbox"/> FBL	Factor B level by RID
<input type="checkbox"/> C2L	C2 level by RID						

SERUM REQUIRED - ONE ALIQUOT PER TEST REQUESTED\*

<input type="checkbox"/> C3	C3 level	<input type="checkbox"/> C4	C4 level	<input type="checkbox"/> CECEILS	C1-esterase inhibitor level by Turbidimetric (C1-INH)
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\* To prevent unnecessary delays in testing, please send one aliquot per test request.

\*\* CD46 requires whole blood from either a Green top (Sodium or Lithium Heparin) or Lavender top (EDTA) tube; Stable for 24 hours at room temperature (18-22°C)