

Atypical Hemolytic Uremic Syndrome Complement Panel, Serum and Plasma

Test ID: AHUSD

Explanation:

On the effective date the methodology and reference values will be updated due to a change in instrumentation.

Current Method

C3HUS, C4HUS, FBCA, FHCA; C5AG2:
Nephelometry
COM3: Automated Liposome Lysis Assay
AH503, CBB, SC5B9: Enzyme-Linked Immunosorbent Assay (ELISA)
INTGA: Medical Interpretation

New Method

C3HUS, C4HUS, FBCA, FHCA; C5AG2:
Nephelometry
COM3: Turbidimetric Measurement of Liposome Lysis
AH503, CBB, SC5B9: Enzyme-Linked Immunosorbent Assay (ELISA)
INTGA: Medical Interpretation

Current Reference Value

FACTOR B COMPLEMENT ANTIGEN
15.2-42.3 mg/dL

SC5b-9 COMPLEMENT
< or =250 ng/mL

FACTOR H COMPLEMENT ANTIGEN
18.5 to 40.8 mg/dL

CBb COMPLEMENT ACTIVATION FRAGMENT
< or =1.6 mcg/mL

COMPLEMENT C4
14-40 mg/dL

COMPLEMENT C3
75-175 mg/dL

ALTERNATIVE COMPLEMENT, PATHWAY (AH50) FUNCTIONAL
> or =46% Normal

COMPLEMENT, TOTAL
30-75 U/mL

New Reference Value

FACTOR B COMPLEMENT ANTIGEN
15.2-42.3 mg/dL

SC5b-9 COMPLEMENT
< or =250 ng/mL

FACTOR H COMPLEMENT ANTIGEN
18.5 to 40.8 mg/dL

CBb COMPLEMENT ACTIVATION FRAGMENT
< or =1.6 mcg/mL

COMPLEMENT C4
14-40 mg/dL

COMPLEMENT C3
75-175 mg/dL

ALTERNATIVE COMPLEMENT, PATHWAY (AH50) FUNCTIONAL
> or =46% Normal

COMPLEMENT, TOTAL
> or =41 U/mL

Questions

Contact Amy Ennis, Laboratory Resource Coordinator at 800-533-1710.