

— Immune System Health

Autoimmune Disease

Your body's immune system protects you from disease and infection. But if you have an autoimmune disease, your immune system attacks healthy cells in your body by mistake. Autoimmune diseases can affect many parts of the body. There are more than 80 types of autoimmune diseases, and some have similar symptoms. Often, the first symptoms are fatigue, muscle aches and a low fever. The classic sign of an autoimmune disease is inflammation, which can cause redness, heat, pain and swelling. The diseases may also have flare-ups, when they get worse, and remissions, when symptoms get better or disappear.

Hide

— CYTOSOLIC 5' NU...

<5

(Units)

Range: See Comments

CYTOSOLIC 5' NUCLEOTIDASE 1A (cN 1A) AB (IGG)

(Units)

Result Comments

Reference Range:

<15: NEGATIVE

15-19: BORDERLINE

> OR = 20: POSITIVE

The cN-1A Ab assay is a useful aid for the diagnosis of inclusion body myositis (IBM). The analytical sensitivity of this assay is 35-70%, based on published reports. In our internal validation study with 120 healthy adult subjects, 1.7% had a positive cN-1A Ab result and 6.7% had an equivocal result. However, published reports and our own internal studies suggest that patients with Sjogren's syndrome, systemic lupus erythematosus, dermatomyositis (DM), or polymyositis (PM), are significantly more likely to have a positive cN-1A Ab result. In contrast, patients presenting clinically with IBM rarely produce autoantibodies associated with a diagnosis of DM or PM. Therefore, cN-1A Ab results must be interpreted in context with other details of the patient's clinical evaluation.

This test was developed and its analytical performance characteristics have been determined by Quest Diagnostics. It has not been cleared or approved by the FDA. This assay has been validated pursuant to the CLIA regulations and is used for clinical purposes.