



The Cunningham Panel™ - Ordering Instructions

Autoimmunity testing for patients with neuropsychiatric symptoms

What is the Cunningham Panel™?

The Cunningham Panel™ is comprised of 5 different tests. Four of these clinical tests include enzyme-linked immunosorbent assays (ELISAs) which measure antibody titers against 4 neuronal antigens present in the brain. These include Anti-Dopamine Receptor D1, Anti-Dopamine Receptor D2L, Anti-Lysoganglioside GM1 and Anti-Tubulin. Each of these neuronal antigen targets is associated with specific neuropsychiatric symptoms and/or motor movement activity.

The fifth test, CaMKII (Calcium-dependent Calmodulin Protein Kinase II) is a cell stimulation assay. CaMKII is involved in the up-regulation of many neurotransmitters in the brain. The increase or stimulation of CaMKII activity by serum antibodies is measured compared to a baseline control and elevated activity may be associated with an infection-triggered autoimmune condition.

The Cunningham Panel™ helps physicians determine whether an autoimmune process may be causing a patient's neuropsychiatric symptoms.

How is the test ordered?

The Cunningham Panel™ must be ordered by a physician. Clinicians practicing in the U.S. can order the test online through Moleculera Labs' secure Prescriber Portal. *To begin the ordering process, a physician must provide the patient's e-mail and address.* Moleculera Labs will then e-mail an internet link to the patient to collect a \$425 deposit before shipping a Specimen Collection Kit.

Physicians: To register in our Prescriber Portal, visit www.moleculeralabs.com. Portal link is located at the top of the page. If you have any questions, please call (405) 239-5250.