

**PATIENT INFORMATION**

Patient FIRST Name	Patient LAST Name	MI	Date of Birth		
			Month	Day	Year
Street Address	City	State	Zip	Gender <input type="checkbox"/> Male <input type="checkbox"/> Female	
Cell Phone Number	Home Phone Number	Email			

**PARENT / GUARDIAN INFORMATION**

Parent/Guardian FIRST Name	Parent/Guardian LAST Name	MI	<input type="checkbox"/>	Check here if address and phone numbers are the same as above.	
Street Address	City	State	Zip	Gender <input type="checkbox"/> Male <input type="checkbox"/> Female	
Cell Phone Number	Home Phone Number	Email			

**BILLING / PAYMENT INFORMATION**

Select billing / payment option:

Bill patient directly and/or file insurance on behalf of the patient. (Completed Insurance and Payment Forms required).

Invoice Institution (Complete billing information below).

Institution Name (to be invoiced)		Attention			
Street Address		City		State	Zip
Phone Number	Fax Number		Email		

**ORDERING PROVIDER INFORMATION**

Provider FIRST Name	Provider LAST Name	MI	Degree	NPI	
Clinic Name		Specialty			
Street Address		City		State	Zip
Phone Number	Fax Number		Email		

**TESTING INFORMATION**

ICD-10	ICD-10	ICD-10	ICD-10	ICD-10
ICD-10	ICD-10	ICD-10	ICD-10	ICD-10

<b>Ordering Provider Signature</b>			<b>Date (MM/DD/YYYY)</b>	
<b>X</b>				

**NOTE: Requisition must have ordering provider's signature to avoid a delay in processing. ICD-10 codes and insurance information must be supplied if insurance will be filed.**

INFORMATION FOR HEALTHCARE PROVIDER

## What is the Autoimmune Brain Panel™?

The Autoimmune Brain Panel™ is a series of antineuronal antibody tests that measure the level of circulating autoantibodies in serum that are directed against and bind to, or block specific neuronal targets in the brain including Dopamine D1 and D2L receptors, Lysoganglioside-GM1 and Tubulin and stimulate human brain cell activity.

Each of these targets has been associated with the presence of various neuropsychiatric symptoms including obsessive-compulsive behaviors, motor and vocal tics, anxiety, depression, restricted eating and seizure-like movements.

**When autoantibodies bind to, block or stimulate these targets, they can disrupt neurotransmitters and normal neuronal cell functioning, resulting in the onset of neurologic and/or psychiatric features.**

The Autoimmune Brain Panel™ is offered exclusively through Moleculera Biosciences, Inc. and has been utilized by clinicians worldwide.

The targets in the Autoimmune Brain Panel™ arose from over 20 years of research in the laboratory of Dr. Madeleine Cunningham at the University of Oklahoma, in conjunction with scientists from the National Institutes of Mental Health (NIMH).

## Proper treatment can reduce or resolve symptoms

It's important to identify whether symptoms are due to an autoimmune response vs. a classic psychiatric or neurologic disorder, since the treatment varies for each. And if properly diagnosed and treated, a patient's symptoms can be greatly reduced or completely resolved.

For an autoimmune etiology:

- Treatment typically involves eradicating the infection, reducing inflammation, and as necessary treating the immune system with immunomodulatory therapies.
- Early diagnosis and treatment has been shown to improve chances for a full recovery. <sup>1</sup>
- With proper treatment, symptoms/behaviors often significantly improve or resolve completely. <sup>2</sup>

## How can testing help my patient?

- The Autoimmune Brain Panel™ results can support a provider's clinical diagnosis with laboratory evidence of an underlying autoimmune dysfunction directed against certain biological targets in the brain, and assist in determining an appropriate treatment regimen or provide guidance for a specialty referral. <sup>1</sup>
- Elevated levels on one or more of these tests indicate that a person's neuropsychiatric symptoms may be due to a treatable autoimmune disorder, rather than a classic neurologic or psychiatric illness.
- It is important to identify whether symptoms are due to an autoimmune cause, since treatment typically involves anti-infective medications and immune-modulatory treatments. And, with proper treatment a patient's symptoms can be greatly reduced or completely resolved. <sup>1</sup>

Read case studies on patients tested with the Autoimmune Brain Panel™ at

<https://www.moleculera.com/medical/case-studies/>

## Testing Costs and Insurance

The cost of the Autoimmune Brain Panel™ is \$995 for orders within the contiguous USA. Patients are responsible for the full cost of the Panel. For patients with commercial (private or employer group) insurance, a deposit of \$495 is required.

Patients on government-sponsored plans such as Medicaid, TriCare, and Medicare, must pay in full. We are unable to file claims to any government funded programs. Payment arrangements are available.

**Approximately 50% of our patients receive some level of reimbursement with it typically averaging \$325.**

### INSTRUCTIONS FOR SUBMITTING REQUISITION

(US Patients Only)

## Patients/Caregivers

1. Take the requisition form to your healthcare provider to complete.
2. Your provider (or you) can fax or email the signed requisition to us: (Fax) 405-239-5255; [customerservice@moleculara.com](mailto:customerservice@moleculara.com)
3. Once we receive the requisition (which should include YOUR EMAIL address) we will email you instructions on how to proceed.
4. Enter your insurance and payment information in our secure online payment portal at: <https://portal.moleculara.com/patient-portal.aspx>
5. After payment is received, we will ship specimen collection supplies to you.
6. Test results will be sent to the ordering provider.

## Healthcare Providers

1. Complete the printed requisition and fax or email it to: 405-239-5255; [customerservice@moleculara.com](mailto:customerservice@moleculara.com); OR register in our prescriber portal at: <https://portal.moleculara.com/index.aspx> to submit the order.
2. Once we receive the requisition (which should include the patient's email address) we will email the patient instructions on how to proceed.
3. After payment is received, we will ship specimen collection supplies to the patient.
4. Clinicians who will perform the blood collection at their facility may order specimen collection supplies through the online portal or by calling us at (405) 239-5250.
5. Test results typically take about 2-3 weeks to process.
6. Results will be sent to the ordering provider.

### References

- <sup>1</sup> Treatment strategies for autoimmune encephalitis. doi:10.1177/1756285617722347
- <sup>2</sup> Clinical Management of PANS. <https://doi.org/10.1089/cap.2016.0148>