MAYO CLINIC
Mayo Medical Laboratories

Test Definition: FABP2

Allergic Bronchopulmonary Aspergillosis Panel II

Reporting Title: Allergic Bronchopulmonary Panel II
Performing Location: Viracor-IBT Laboratories

Specimen Requirements:

Draw blood in a plain red-top tube(s), serum gel tube(s) is acceptable. Spin down and send 1.5 mL of serum refrigerated in a plastic vial.

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	28 days
	Frozen	365 days
	Ambient	7 days

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
Z3248	Total IgE	Alphanumeric		In Process
Z3249	Aspergillus fumigatus IgE	Alphanumeric		In Process
Z3250	Class	Alphanumeric		In Process
Z3251	Aspergillus fumigatus IgG	Alphanumeric		In Process
Z3252	A. fumigatus Mix Gel Diffusion	Alphanumeric		In Process

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
Billing only	ASSAY OF IGE	1	82785		
Billing only	ALLERGEN SPECIFIC IGE	1	86003		
Billing only	ALLERGEN SPECIFIC IGG	1	86001		
Billing only	IMMUNODIFFUSION OUCHTERLONY	1	86331		

Reference Values:

Immunoglobulin E (IgE)

Age Related	Reference Range
1-11 months	0-12
1 year	0-15
2 year	1-29
3 year	4-35
4 year	2-33
5 year	8-56
6 year	3-95
7 year	2-88
8 year	5-71
9 year	3-88
10 year	7-110
11-14 year	7-111
15-19 year	6-96
20-30 year	4-59
31-50 year	5-79
51-80 year	3-48

Aspergillus fumigatus IgE	<0.35	kU/L
Aspergillus fumigatus IgG	<46	mcg/mL
A. fumigatus Mix Gel Diffusion	Negative	

The gel diffusion method was used to test this patient's serum for the presence of precipitating antibodies (IgG) to the antigens indicated. These antibodies are serological markers for exposure and immunological sensitization. The clinical significance varies, depending on the history and symptoms. This test was developed and its performance characteristics determined by Viracor-IBT Laboratories. It has not been cleared or approved by the FDA.

Patients with allergic bronchopulmonary aspergillosis (ABPA) are expected to have the following serological features:

1) A high total IgE of >500 IU/mL, unless patient is receiving corticosteroids.
2) An elevated Aspergillus-specific IgE of class 4 or higher.
3) Positive for Aspergillus-specific IgG.

Test Performed by: Viracor-IBT Laboratories
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