

Hypersensitivity Pneumonitis Panel, Immunoglobulin G, Serum

Test ID: BHYPS

Useful for:

Evaluation of patients suspected of having hypersensitivity pneumonitis induced by exposure to *Alternaria tenuis/alternata*, *Aspergillus fumigatus*, *Aureobasidium pullulans*, *Laceyella sacchari*, *Microsporysora faeni*, *Penicillium chrysogenum/notatum*, *Phoma betae*, and *Trichoderma viride*

Method:

Fluorescence Enzyme Immunoassay (FEIA)

Reference Values:

Alternaria alternata, IgG antibody: < or =19.0 mg/L

Aspergillus fumigatus, IgG antibody: < or =102.0 mg/L

Aureobasidium pullulans, IgG antibody: < or =16.0 mg/L

Laceyella sacchari, IgG antibody: < or =45.0 mg/L

Microsporysora faeni, IgG antibody: < or =6.0 mg/L

Penicillium chrysogenum, IgG antibody: < or =94.0 mg/L

Phoma betae, IgG antibody: < or =16.0 mg/L

Trichoderma viride, IgG antibody: < or =16.0 mg/L

Specimen Requirements:

Preferred Collection Container:	Serum gel
Acceptable Collection Container:	Red top
Submission Container:	Sarstedt Aliquot Tube, 5 mL (T914)
Specimen Volume:	0.5 mL
Collection Instructions:	Centrifuge and aliquot serum into a plastic vial.
Minimum Volume:	0.3 mL

Specimen Stability Information:

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

Cautions:

IgG antibodies to *Alternaria tenuis/alternata*, *Aspergillus fumigatus*, *Aureobasidium pullulans*, *Laceyella sacchari*, *Micropolyspora faeni*, *Penicillium chrysogenum/notatum*, *Phoma betae*, and *Trichoderma viride* may be found in sera from healthy individuals; the presence of these specific antibodies is not sufficient to establish the diagnosis of hypersensitivity pneumonitis.

Elevated concentration of antibodies to *Aspergillus fumigatus* may be also found in patients with invasive aspergillosis and cavitary lung disease.

The concentrations of antibodies to these antigens may decrease following treatment, although elevated concentrations may persist in treated patients.

CPT Code:

86001 x 8

Day(s) Performed: Monday through Friday

Report Available: 2 to 5 days

Note:

The following referral test code(s) will become obsolete.

Test Name	Test ID	Referral Lab Code	Referral Lab
Hypersensitivity Pneumonitis Panel	FHSPP	401749P	Eurofins Viracor

Questions

Contact Nancy Benson, Laboratory Resource Coordinator at 800-533-1710.