MAYO CLINIC
Mayo Medical Laboratories

Test Definition: FHPEP

Hypersensitivity Pneumonitis Extended Panel (Farmer's Lung Panel)

Reporting Title: Hypersensitivity Pneumo Ext Panel
Performing Location: ARUP Laboratories, Interface

Specimen Requirements:

Draw blood in a plain, red-top tube(s). (Serum gel tube is acceptable.) Separate from cells within 2 hours of collection. Send two 2.5 mL aliquots of serum refrigerated in a plastic vial.

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	14 days
	Ambient	48 hours
	Frozen	365 days

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
Z2754	Aspergillus fumigatus 1 Ab	Alphanumeric		In Process
Z2755	Aspergillus fumigatus 6 Ab	Alphanumeric		In Process
Z2756	Aureobasidium pullulans Ab	Alphanumeric		In Process
Z2757	Pigeon Serum Ab	Alphanumeric		In Process
Z2758	Micropolyspora faeni Ab	Alphanumeric		In Process
Z2759	Thermoactinomyces vulgaris 1 Ab	Alphanumeric		In Process
Z2760	Aspergillus flavus Ab	Alphanumeric		In Process
Z2761	Aspergillus fumigatus 2 Ab	Alphanumeric		In Process
Z2762	Aspergillus fumigatus 3 Ab	Alphanumeric		In Process
Z2763	Saccharomonospora viridis Ab	Alphanumeric		In Process
Z2764	Thermoactinomyces candidus Ab	Alphanumeric		In Process
Z2765	Thermoactinomyces sacchari Ab	Alphanumeric		In Process
Z2766	Animal, Feather Mix IgE	Alphanumeric		In Process
Z2767	Food, Beef IgE	Alphanumeric		In Process
Z2768	Food, Pork IgE	Alphanumeric		In Process
Z2769	Fungi/Mold, Phoma betae IgE	Alphanumeric		In Process
Z2770	Interp, Immunocap Score IgE	Alphanumeric		In Process

CPT Code Information:

86003 x 4 - IgE specific allergens
86331 x 7 - Gel Diffusion Qualitative
86606 x 5 - Aspergillus

Reference Values:

Procedure	Units	Ref Interval
Aspergillus fumigatus #1 Antibody		None Detected
Aspergillus fumigatus #6 Antibody		None Detected
Aureobasidium pullulans Antibody		None Detected
Pigeon Serum Antibody		None Detected
Micropolyspora faeni Antibody		None Detected
Thermoactinomyces vulgaris #1 Antibody		None Detected
Aspergillus flavus Antibody		None Detected
Aspergillus fumigatus #2 Antibody		None Detected
Aspergillus fumigatus #3 Antibody		None Detected
Saccharomonospora viridis Antibody		None Detected
Thermoactinomyces candidus Antibody		None Detected
Thermoactinomyces sacchari Antibody		None Detected
Allergen, Animal, Feather Mix IgE	kU/L	Negative
Allergen, Food, Beef IgE	kU/L	<=0.34
Allergen, Food, Pork IgE	kU/L	<=0.34
Allergen, Fungi/Mold, Phoma betae IgE	kU/L	<=0.34

Allergen, Interp, Immunocap Score IgE		See Reference, Interval: Allergen, Interpretation Thermoactinomyces sacchari Antibody: Test Information: Aspergillus flavus Antibody; Aspergillus fumigatus #2 Antibody; Aspergillus fumigatus #3 Antibody; Saccharomonospora viridis Antibody; Thermoactinomyces candidus Antibody; Thermoactinomyces sacchari Antibody. Allergen, Interp, Immunocap Score IgE: Reference Interval: Allergen, Interpretation Less than 0.10 kU/L No significant level detected 0.10-0.34 kU/L Clinical relevance undetermined 0.35-0.70 kU/L Low 0.71-3.50 kU/L Moderate 3.51-17.50 kU/L High 17.51 or Greater kU/L Very High Allergen results of 0.10-0.34 kU/L are intended for specialist use as the clinical relevance is undetermined. Even though increasing ranges are reflective of increasing concentrations of allergen-specific IgE, these concentrations may not correlate with the degree of clinical response of skin testing results when challenged with a specific allergen. The correlation of allergy laboratory results with clinical history and in vivo reactivity to specific allergens is essential. A negative test may not rule out clinical allergy or even anaphylaxis. Test Performed by: ARUP Laboratories 500 Chipeta Way St. Lake City, UT 84108