Test Definition: FHYPP

Hypersensitivity Pneumonitis Extended Panel (Farmer's Lung Panel)

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

Specimen Requirements:

Draw blood in a plain red-top tube(s), serum gel tube is acceptable. Spin down and send two 2.5 mL aliquots of serum refrigerated in a plastic vial.

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

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
Z3333	A. fumigatus 1 Ab, Precipitin	Alphanumeric		6808-0
Z3334	A. fumigatus 6 Ab, Precipitin	Alphanumeric		6809-8
Z3335	A. pullulans Ab, Precipitin	Alphanumeric		6810-6
Z3336	Pigeon Serum Ab, Precipitin	Alphanumeric		6733-0
Z3337	M. faeni Ab, Precipitin	Alphanumeric		6818-9
Z3338	T. vulgaris 1 Ab, Precipitin	Alphanumeric		6821-3
Z3339	A. flavus Ab, Precipitin	Alphanumeric		23820-4
Z3340	A. fumigatus 2 Ab, Precipitin	Alphanumeric		29334-0
Z3341	A. fumigatus 3 Ab, Precipitin	Alphanumeric		15151-4
Z3342	S. viridis Ab, Precipitin	Alphanumeric		22572-2
Z3343	T. candidus Ab, Precipitin	Alphanumeric		21560-8
Z3344	T. sacchari Ab, Precipitin	Alphanumeric		21561-6
Z3345	Allergen, Animal, Feather Mix IgE	Alphanumeric		31161-3
Z3346	Allergen, Food, Beef IgE	Alphanumeric		6039-2
Z3347	Allergen, Food, Pork IgE	Alphanumeric		6219-0
Z3348	Allergen Fungi/Mold, Phoma betae IgE	Alphanumeric		6216-6
Z3349	Allergen Interp Immunocap Score IgE	Alphanumeric		33536-4

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
Billing only	ASPERGILLUS ANTIBODY	5	86606		
Billing only	IMMUNODIFFUSION OUCHTERLONY	7	86331		
Billing only	ALLERGEN SPECIFIC IGE	4	86003		

Reference Values:

Procedure	Units	Ref Internal
A. fumigatus #1 Ab, Precipitin		None Detected
A. fumigatus #6 Ab, Precipitin		None Detected
A. pullulans Ab, Precipitin		None Detected
Pigeon Serum, Ab, Precipitin		None Detected
M. faeni Ab, Precipitin		None Detected
T. vulgaris #1 Ab, Precipitin		None Detected
A. flavus Ab, Precipitin		None Detected
A. fumigatus #2 Ab, Precipitin		None Detected
A. fumigatus #3 Ab, Precipitin		None Detected
S. viridis Ab, Precipitin		None Detected
T. candidus Ab, Precipitin		None Detected
T. sacchari Ab, Precipitin		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

A. Pullulans Ab, Precipitin:
Testing includes antibodies directed at Aureobasidium pullulans, Aspergillus flavus, Aspergillus fumigatus #1, Aspergillus fumigatus #2, Aspergillus fumigatus #3, Aspergillus fumigatus #6, Micropolyspora faeni, Saccharomonospora viridis, Thermoactinomyces candidus, Thermoactinomyces vulgaris #1, and Thermoactinomyces vulgaris #1, and Thermoactinomyces sacchari.

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
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