ACL Performs Allergy Testing In-House

November 2024

Effective Monday, November 11, 2024, ACL Laboratories will perform allergy testing in-house. Previously, testing was sent to various reference laboratories. The technology or methodology used for testing will ***not*** change. Testing will continue to be performed using the Quantitative ImmunoCAP™ Fluorescent Enzyme Immunoassay on the Phadia™ 1000 system. The Phadia™ ImmunoCAP™ Specific IgE is an invitro quantitative assay which measures the concentration of circulating specific IgE in serum. Specific IgE values should be used in conjunction with other clinical findings for clinical diagnosis of IgE mediated allergic disorders.

Internalization of the testing will lead to an improved turnaround time of 72 hours and offer an expanded menu of orderable panels.

Collection Requirements:

For individual allergens or allergy panels with six (6) or fewer allergens:

- **Tube Type:** One gold gel (SST) 5.0 mL OR One red (plain) 6.0 mL.
- **Specimen Preparation:** Centrifuge the tubes to separate the serum from the cells within 2 hours. If not using a gel separator tube, use a pipette to aliquot the serum from the cells within 2 hours.

For larger allergy panels (greater than six (6) allergens):

- **Tube Type:** Two gold gel (SST) 5.0 mL OR Two red (plain) 6.0 mL.
- **Specimen Preparation:** Centrifuge the tubes to separate the serum from the cells within 2 hours. If not using a gel separator tube, use a pipette to aliquot the serum from the cells within 2 hours.

Important Note: Submitting the minimum volume will ***not*** allow for repeat testing or add-ons. Add 0.1 mL (minimum 0.05 mL) for each additional allergen ordered.

The following reference ranges will append with all the quantitative results.

Reference Range	Units	Interpretation
<0.10	kU/L	None Detected
0.10 - 0.34	kU/L	Equivocal / Very Low
0.35 - 0.69	kU/L	Low
0.70 - 3.49	kU/L	Moderate
3.50 - 17.49	kU/L	High
>17.5	kU/L	Very High

ImmunoCAP™ Specific IgE (SIgE) results above 0.1 kU/L indicates sensitization to the allergen/component tested. Likelihood of allergy is directly related to concentration of SIgE. The absence of detectable SIgE does ***not*** rule out allergy to an allergen/component. Results must be interpreted with attention to the patient's complete medical history.

For additional information regarding these tests, as well as specimen collection requirements, please contact ACL Client Services at 1.800.877.7016 or visit our website at https://www.acllaboratories.com/providers/test-directory/.

Created: 11/2024 | Created by: K. Jones – ACL Specimen Processing | Designed by: H. Barrie – ACL Business Development