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Choose ImmunoCAP Specific IgE

The worldwide gold standard[1] in in vitro allergy diagnostics

Providing unparalleled clinical performance and innovation alongside world class support

Over 30 year track record of proven reliable, high precision results

- The most documented technology that aids in the diagnosis of IgE mediated allergic disorders. Thermo Scientific™ ImmunoCAP™ Specific IgE values referenced in clinical diagnostic decision points cannot be applied to results from other diagnostic systems[2-5]
- Unparalleled assay precision and highest quality reagents. Confirmation of accuracy and reliability with Quality Club (Figure 1), one of the largest quality assessment programs in the world for in vitro allergy diagnostics

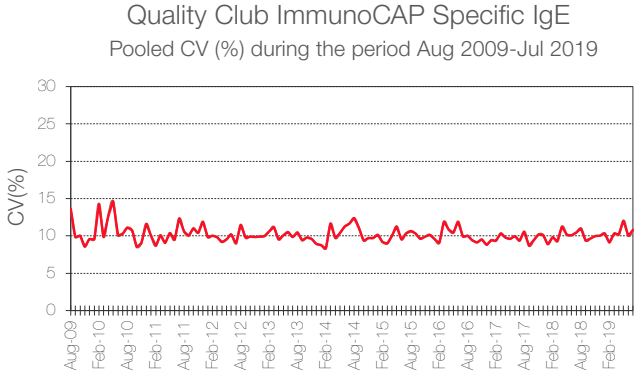

Figure 1: Quality Club shows all variation in the system, including different laboratories, users, instruments, reagents, and dozens of ImmunoCAP sIgE lots for over 1500 laboratories across 60 countries

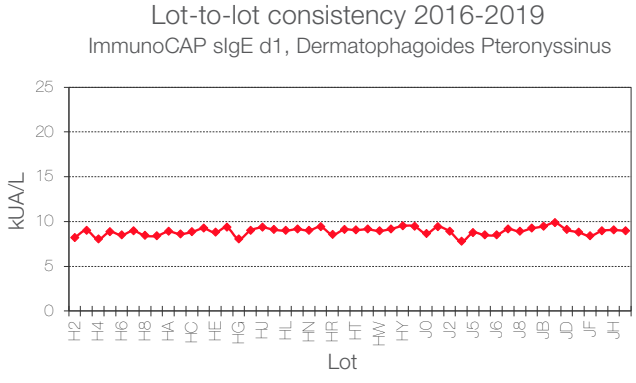

Figure 2: Quality control data. Each ImmunoCAP allergen lot is selected for consistent antibody binding function, resulting in impressive lot-to-lot consistency

- End-to-end process: control of all steps from allergen collection to integrated manufacturing, creating impressive lot-to-lot consistency (Figure 2)
- The monoclonal antibody/ß-galactosidase conjugate concentration is optimized to yield high specific signal and low non-specific signal, helping facilitate detection of low concentrations of the analyte down to 0.1 kU_A/l of sIgE

Premier support and service

- Knowledgeable training staff and 30+ service engineers. Remote support available via Thermo Scientific™ Phadia™ LabCommunity
- Resources available for technical support, accreditation, and laboratory outreach needs
- On average, service support responds to a down instrument onsite within 1 business day

Find out more at **allergyailab.com**

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Our commitment to allergy diagnostics innovation

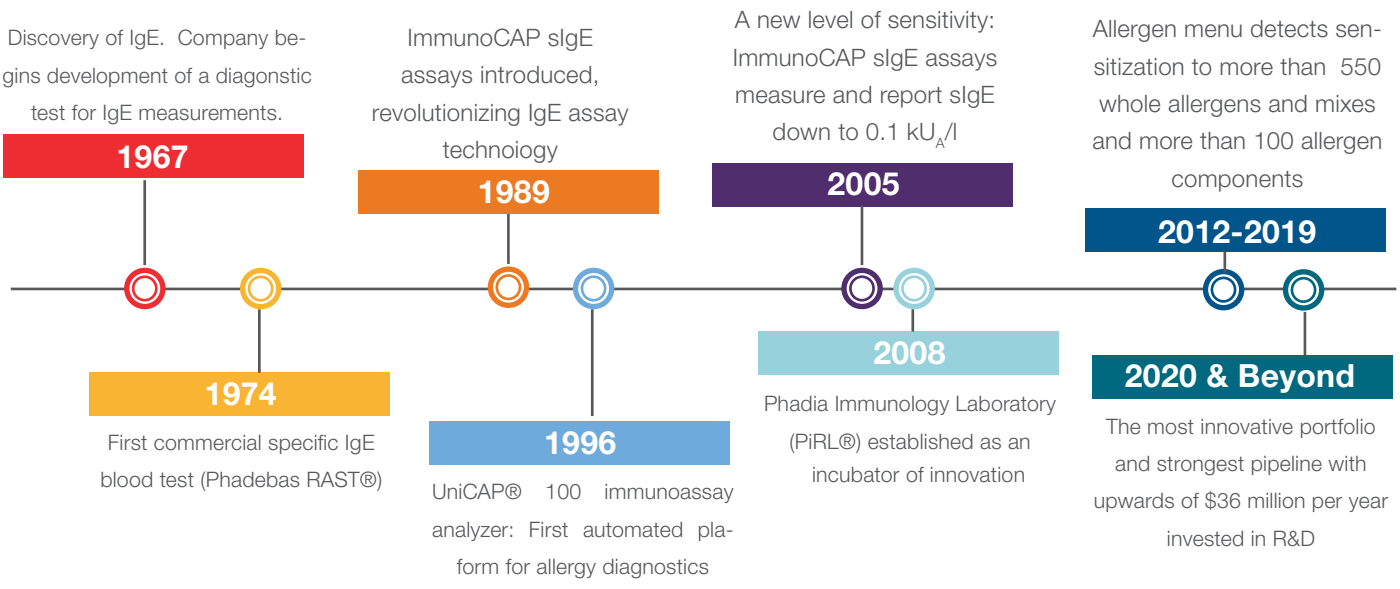

Figure 3: Timeline of Phadia innovation. For over 50 years, Phadia has demonstrated, and continues to demonstrate, a commitment to providing the most accurate and innovative allergy diagnostics

The most clinically studied specific IgE blood test

- Extensively documented method for allergy testing with >4,000 peer-reviewed publications*
- The largest menu of Component Resolved Diagnostics, which help clinicians to better risk stratify whole-allergen-sensitized patients[6, 7]
- High assay sensitivity of 0.1 kU$_A$/l and CVs of approximately 4% ensures sensitized patients are not missed
- Bridging the gap between the lab and providers: reliable expert clinical support and clinical education for clinicians, laboratorians, and patients to help close the diagnostics loop and decrease overall healthcare costs
- Consistency of care: ImmunoCAP Specific IgE assays provide minimal lot-to-lot variability, with results comparable anywhere ImmunoCAP Specific IgE assays are run worldwide. Clinicians don't have to worry about discrepancies in specific IgE measurements caused by inter-lab variations or differing technologies[2-4]
- Abundant clinical evidence, constantly referenced in allergy guidelines[4,5]

*data on file

References

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4. Cox L, Williams B, Sicherer, S et al. (2008) Pearls and pitfalls of allergic diagnostic testing:report from the American College of Allergy, Asthma and Immunology/American Academy of Allergy/Asthma and Immunology Specific IgE Test Task Force. *Ann Allergy Asthma Immunol.* 101(6):580-92.
5. Boyce B, Assa'ad A, Wesley Burks A et al. (2010) Guidelines for the diagnosis and management of food allergy in the United States: report of the NIAID-sponsored expert panel. *J Allergy Clin Immunol.* 126(6 Suppl): S1-58.
6. Nicolaou N, Murray C, Belgrave D et al. (2011) Quantification of specific IgE to whole peanut extract and peanut components in prediction of peanut allergy. *J Allergy Clin Immunol* 127(3):684-5.
7. LaHood NA, Patil SU. (2019) Food Allergy Testing. *Clin Lab Med.* 39: 625-642.

Find out more at **allergyailab.com**

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