



**NOW**  
with an even more  
relevant test profile



# Puzzling allergies? Get unparalleled answers.

The new **ImmunoCAP™ ISAC<sub>E112i</sub>** is here!  
Helps clinicians to diagnose more patients with greater precision.

ImmunoCAP ISAC provides sIgE test results that should be interpreted in the context of clinical history, before making a diagnosis.

Designed to address food, respiratory & occupational allergies

## New respiratory allergens and asthma severity markers



### **Der p 23: Early marker of house dust mite allergy associated with asthma<sup>1-3</sup>**

4-6% of patients are mono-sensitized<sup>1-3</sup>

Can be underrepresented in AIT extracts, potentially leading to lower efficacy<sup>1-3</sup>

Contributes to assessing asthma severity and development<sup>1-3</sup>

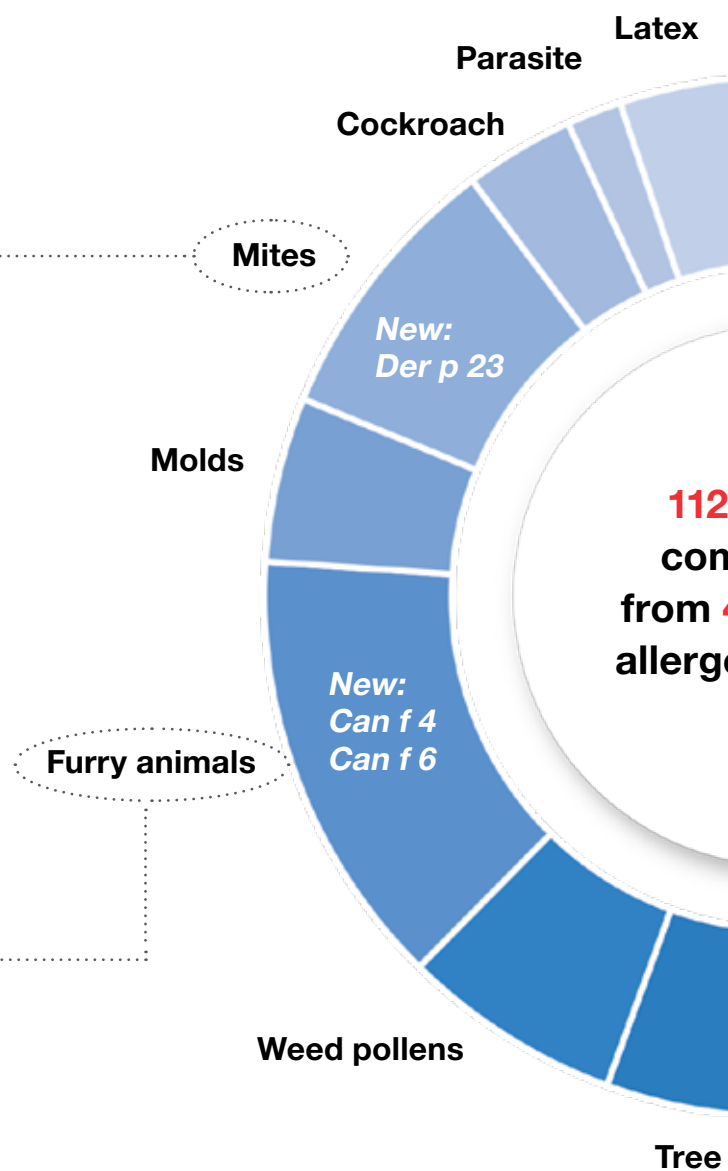


### **Can f 4 & Can f 6: Fill the diagnostic gap and contribute to better resolution of pet allergies<sup>4,5</sup>**

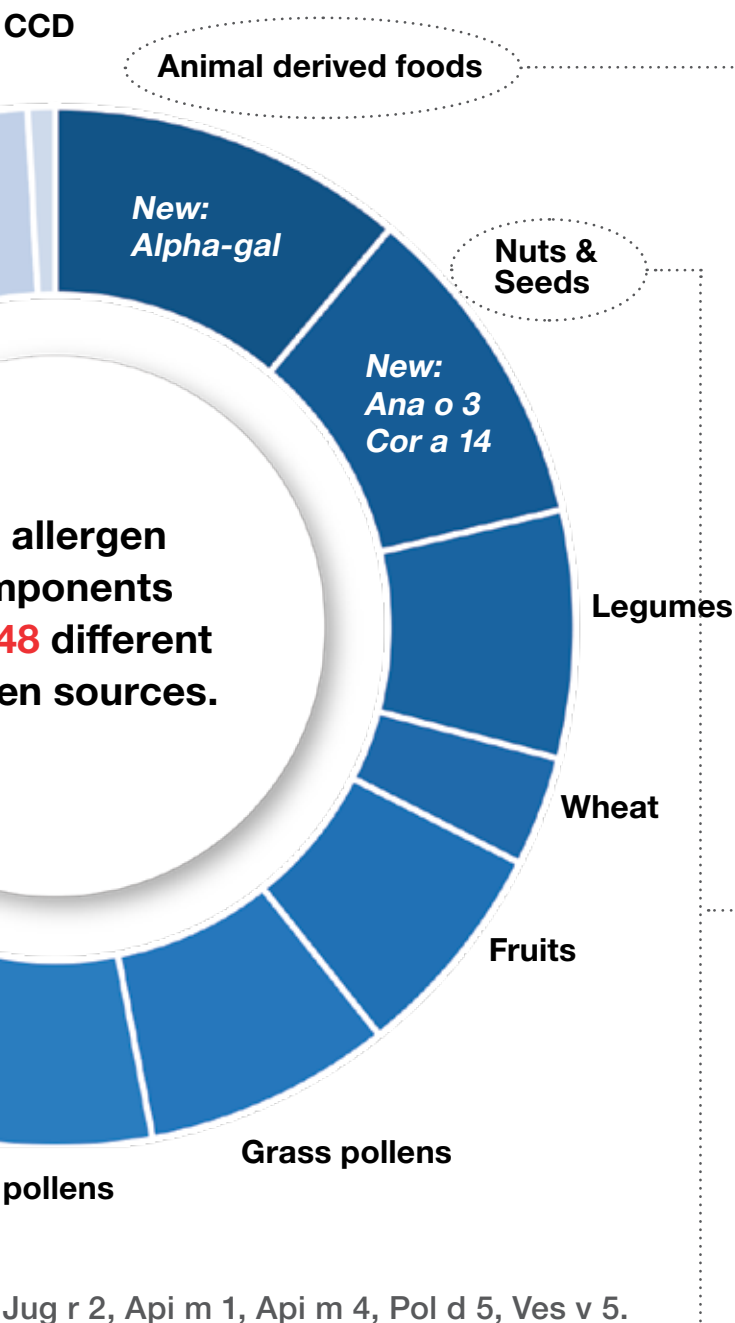
Up to 35% of dog allergic patients are sensitized to Can f 4<sup>4</sup> and approx. 55% to Can f 6<sup>5</sup>

Can f 4 is a dog-specific lipocalin<sup>4</sup> while Can f 6 cross-reacts with other pet lipocalins<sup>5</sup>

Help resolve species-specific or cross-reactive pet sensitization<sup>4,5</sup>



Removed allergen components: Pla a 2,



## New risk markers of food induced systemic reactions



- **Alpha-gal: Risk marker for red meat allergy<sup>6,7</sup>**

Sensitization may cause delayed systemic allergic reactions after intake of red meat, offal, gelatin or dairy products<sup>6-8</sup>

Help resolve cases of idiopathic anaphylaxis<sup>9</sup>

Tick-bites may cause sensitization to alpha-gal<sup>6,7</sup>



- **Ana o 3: Main allergen\* in cashew nut allergy and a risk marker for systemic reactions<sup>10,11</sup>**

Over 90% of cashew nut allergic children are sensitized<sup>10,11</sup>

Serves as surrogate marker in pistachio allergy<sup>11</sup>



- **Cor a 14: Primary allergen\* in hazelnut allergy with the highest diagnostic specificity<sup>12-14</sup>**

Over 80% of hazelnut allergic children are sensitized<sup>11-13</sup>

Marker of systemic reactions<sup>12-14</sup>

\* Storage protein (2S albumin) that is heat and digestion stable and highly abundant in the nut.

# The NEW ImmunoCAP ISAC<sub>E112i</sub> is here!

Helps clinicians to diagnose more patients with greater precision.

ImmunoCAP ISAC gives unparalleled answers to puzzling allergies\*\*

## Clinically relevant

Powerful combination of assay performance<sup>15</sup>, documented relevance of allergens<sup>8</sup> and interpretation support to aid diagnosis of allergy

## Clinically validated

Evaluated in over 260 peer-reviewed publications<sup>16</sup>

Robust performance, good reproducibility and low variation demonstrated in a global validation study<sup>15</sup>

## Clinically proven

Over 12 years of experience from clinical practice



\*\* Patients with symptoms indicating multi-sensitization or broad cross-reactivity. Patients with inconsistencies in symptoms and previous test results. **1.** Celi et al. *Allergy* 2019 DOI: 10.1111/all.13776. **2.** Resch et al. *J Allergy Clin Immunol* 2015;136:1083-91. **3.** Posa et al *J Allergy Clin Immunol* 2017;139:541-9. **4.** Mattsson et al. *Clin Exp Allergy* 2010;40:1276-87. **5.** Nilsson et al. *Allergy* 2012;67:751-7. **6.** Commins et al. *J Allergy Clin Immunol*, 123 (2009) 426-433. **7.** Commins et al. *J Allergy Clin Immunol*, 134 (2014) 108-115. **8.** Matricardi et al 27 (2016) *PAI (suppl23):1-250*. **9.** Carter et al. *Allergy* 73 (2018) 1131-1134. **10.** Lange et al *Allergy*,72 (2017) 598-603. **11.** Savvatanos et al. *J Allergy Clin Immunol*, 136 (2015) 192-193. **12.** Beyer et al. *Allergy*, 70 (2015) 90-98. **13.** Buyuktiryaki et al *J Allergy Clin Immunol Pract*, 4 (2016) 265-72. **14.** Eller et al. *Allergy*, 71 (2016) 556-562. **15.** van Hage et al. *Clin Chem Lab Med*. 55 (2017) 571-577. **16.** Thermo Fisher Scientific compiled list of publications. 20190524.

Find out more about ImmunoCAP ISAC at:  
**[thermoscientific.com/phadia](https://thermoscientific.com/phadia)**

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