

AllergyPlex™ COMBO

Multiplex Allergy microarray solution



Combines high-volume allergens on a single panel for high workflow efficiency

In development, subject to regulatory authorizations.

Food	f2 Cow's Milk f3 Cod f4 Wheat	f10 Sesame f13 Peanut f14 Soybean	f17 Hazelnut f24 Shrimp f232/f233 Egg white
CCD	o214 MUXF	Mold	m2 Cladosporium herbarum* m3 Aspergillus Fumigatus* m229 Alternaria*
Animals	e1 Cat Dander e5 Dog Dander	Grass	g6 Timothy Grass g2 Bermuda Grass g12 Cultivated Rye*
Dust/ Insect	d1 D. farinae d2 D. pteronyssinus i6 Cockroach	Weed	w1 Common Ragweed w6 Mugwort* w9 Plantain* w21 Wall Pellitory*
Tree	t2 Grey Alder* t3 Silver Birch t4 Hazel Tree*	t6 Mountain Cedar t7 White Oak t8 Elm	t9 Olive* t12 Maple Leaf Sycamore* t37 Bald Cypress

* Panel available for certain geographies only

Allergies can cause a wide variety of symptoms, sometimes making diagnosis difficult. Allergic reactions can range from mild to severe. In some severe cases, allergies can trigger a life-threatening reaction known as anaphylaxis.

Our multiplex microarray solution AllergyPlex COMBO combines high-volume allergens on a single panel, delivering **up to 19,000 daily results**.

It enables differentiation between cross-reactivity and patient polysensitization, providing clear data for informed decision-making.

Fast, Easy, Comprehensive



Designed to cover the most clinically relevant allergens in one panel.

Allergies are a widespread health concern, affecting millions of people worldwide. The prevalence of allergies is on the rise, with **up to 30% of the global population suffering from various allergic conditions.**¹

These can range from food allergies and environmental allergens like pollen, dust, and mold, to insect stings and animal dander. Following the Food Allergy Safety, Treatment, Education, and Research (FASTER) Act, sesame joined the “Big 8” allergens, becoming the “big 9”. These 9 allergens accounting for more than 90 percent of food allergies.² The increasing incidence of allergies underscores the need for comprehensive and efficient diagnostic tools in clinical settings, blood tests being an alternative when skin prick tests are not feasible.



Precise Quantification: Provides results in classes and arbitrary kAU/L units with indirect traceability to the WHO standard.



Reduces hands-on time and storage space with ready to use, concentrated onboard reagents and buffers.



Saves time while avoiding human errors with a standardized master curve embedded into RFID* tags, included with all reagents and microarrays.



Shares key reagents with other panels, enabling combined autoimmunity, allergy, and further testing.

* RFID: Radio Frequency Identification



AllergyPlex COMBO, run on the MosaiQ platform, is designed to reduce the time to results for patients with allergies.



Simple Workflow

- Patients sample in, results out in one single step
- QC and calibration embedded



Fast Results

- Results within one day
- One sample tube for multiple tests



Actionable Insights

- Panels help streamline clinical decision-making for physicians
- Comprehensive panels simplify complex testing pathways

1 Edwards-Salmon, S.E. et al. Increasing Prevalence of Allergic Disease and Its Impact on Current Practice. *Curr Otorhinolaryngol Rep* 10, 278–284 (2022). <https://doi.org/10.1007/s40136-022-00406-5>

2 Public Law No: 117-11 (04/23/2021) Food Allergy Safety, Treatment, Education, and Research Act of 2021 or the FASTER Act of 2021



Find out more!

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