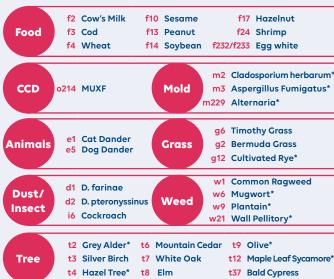
# AllergyPlex<sup>TM</sup> COMBO Multiplex Allergy microarray solution



In development, subject to regulatory authorizations.



#### \* Panel available for certain aeographies 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.<sup>1</sup>

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.<sup>2</sup> The increasing incidence of allergies underscores the need for comprehensive and efficient diagnostic tools in clinical settings, blood tests being an alliterative 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.

<sup>\*</sup> RFID: Radio Frequency Identification







### Simple Workflow

• Patients sample in, results out

• QC and calibration embedded

in one single step



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



### Actionable Insights

- Panels help streamline clinical decision-making for physicians
- Comprehensive panels simplifly 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



