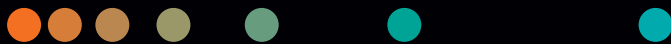


IMMULITE 2000/XPi 3gAllergy— Allergen-Specific IgE

Enhance patient care
with a simple blood test
for specific allergens

siemens-healthineers.com



IMMULITE® 2000/XPi 3gAllergy™—Allergen-Specific IgE assay is based on a patented liquid-allergen technology, which retains the three-dimensional allergen structure, increases accessibility of a large variety of epitopes to serum IgE antibodies, and maximizes allergen activity.

Clinical Utility

In allergen-sensitized individuals, IgE immunoglobulins mediate the allergic response where specialized cells release histamine and other agents upon exposure to the allergen, and initiate an allergic reaction.^{1,2} When evaluated with clinical and laboratory findings, specific IgE results can help identify the allergen(s) to which an individual is sensitive.

IMMULITE 2000/XPi 3gAllergy—Allergen-Specific IgE

There are two key components that comprise IMMULITE 2000/XPi 3gAllergy—Allergen-Specific IgE:

- **Specific allergens and panels:** When a patient with an allergy is tested, a reactive result may indicate a response to a specific allergen or a mix of allergens. Specific allergens and mixes require the Universal Kit.
- **Universal Kit:** All specific allergens and mixes run with the Universal Kit to provide a result from the patient sample. One master curve applies to all specific allergy tests and mixes.

3gAllergy—Allergen-Specific IgE Assay Benefits

- Enhance patient care with reliable assay performance from a simple blood test that uses quality extracts that are thoroughly evaluated for potency and allergenic composition.
- Improve operational efficiency by centralizing allergy onto an easy-to-use platform that offers full automation connectivity, simple assay adjustments, barcoded specific allergens, and AutoStart feature.
- Increase confidence in allergy results with third-generation chemiluminescent technology and proprietary liquid allergens that preserve their three-dimensional structure, maximizing binding and resulting in good sensitivity and specificity.

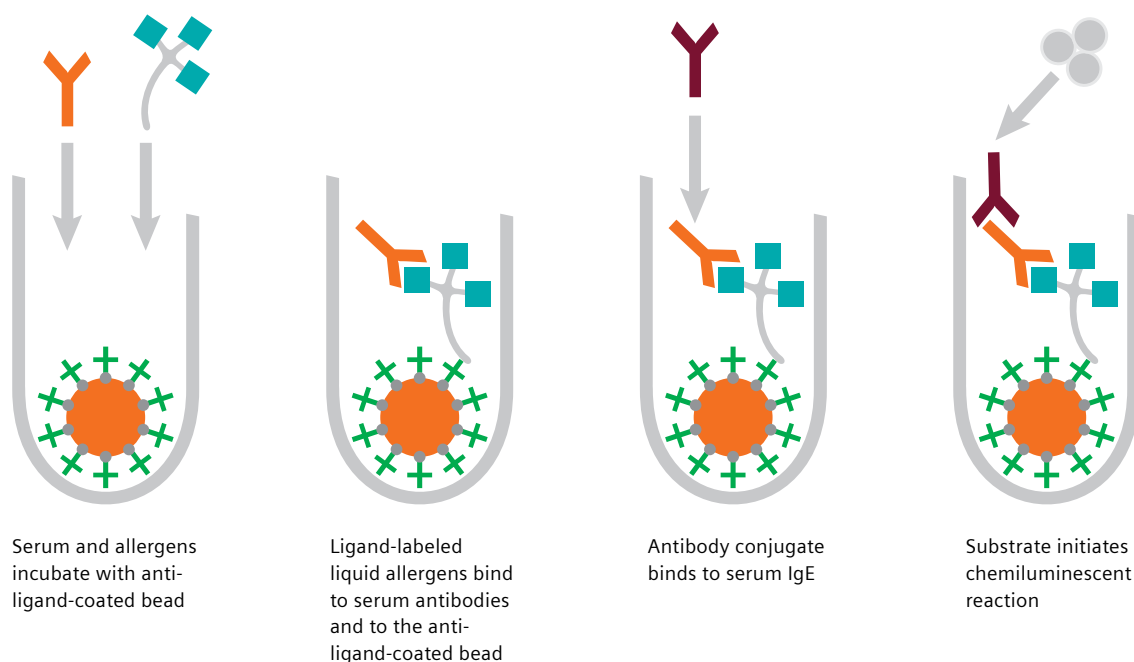


Figure 1. 3gAllergy Assay Sequence.

3gAllergy—Allergen-Specific IgE Assay Sequence

3gAllergy—Allergen-Specific IgE assay has two incubation cycles. The first step incubates serum, liquid specific-allergen, with an anti-ligand-coated polystyrene bead. Specific allergens bind to serum IgE antibodies and to the bead. During the second cycle, alkaline phosphatase-conjugated monoclonal anti-IgE is added and binds to serum IgE. A chemiluminescent substrate is added, and light is emitted to provide a quantitative IgE result.

Allergen Wedge

Each allergen wedge can be customized with up to six user-defined, bar-coded allergen vials. As many as 23 wedges plus a universal reagent wedge fit on each carousel, for a total capacity of up to 138 allergens onboard at any given time.



Ordering Information

Product	Description	LMN No.	SMN No.
Septum/septa	A septum can be placed on each specific allergen (or allergy panel/mix) vial while on the instrument. The probe can penetrate the septum.	L2ATS2	10282849
Cap	A cap can be placed on each specific allergen (or allergy panel/mix) vial. This can be done when allergens are stored to minimize evaporation of reagent.	L2ATC	10282837
Allergen Wedge	Specific allergen vials are placed into the allergen wedge (six vials per wedge). Each allergen wedge occupies one position on the reagent carousel. Allergen wedges are sold in boxes that contain 33 sequentially numbered wedges.		
	ALLERGEN WEDGE ASSEMBLY, W/ID Box 01–33	400930-02	10291768
	ALLERGEN WEDGE ASSEMBLY, W/ID Box 34–66	400930-03	10291769
	ALLERGEN WEDGE ASSEMBLY, W/ID Box 67–99	400930-04	10291770
3gAllergy—Allergen-Specific IgE Universal Kit	The 3gAllergy—Allergen-Specific IgE kit pairs with a specific allergen (or allergy panel/mix) to create an individual allergy test.	U.S.: L2KUN6(D) OUS: L2KUN6	10708840
3gAllergy Specific Allergen or Mixed Allergen Panel	A broad selection of over 350 allergens and mixes can be found on the 3gAllergy—Allergen-Specific IgE Menu (OUS or US).		

At Siemens Healthineers, our purpose is to enable healthcare providers to increase value by empowering them on their journey toward expanding precision medicine, transforming care delivery, and improving patient experience, all made possible by digitalizing healthcare.

An estimated 5 million patients globally benefit every day from our innovative technologies and services in the areas of diagnostic and therapeutic imaging, laboratory diagnostics, and molecular medicine, as well as digital health and enterprise services.

We are a leading medical technology company with over 120 years of experience and 18,000 patents globally. Through the dedication of more than 50,000 colleagues in 75 countries, we will continue to innovate and shape the future of healthcare.

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Product availability may vary from country to country and is subject to varying regulatory requirements. Please contact your local representative for availability.

References:

1. Halpern GM. Markers of human allergic disease. J Clin Immunoassay 1983;6:131–8.
2. Wide L, Bennich H, Johansson SGO. Diagnosis of allergy by an in vitro test for allergen antibodies. Lancet 1967; 2:1105–7.

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