

☒ **NEW TEST**   ☐ **TEST CHANGE**

NOTIFICATION DATE: 10/02/2023

EFFECTIVE DATE: 10/03/2023

## Wheat Allergen Component (RWHEATCP)

On the effective date, Northwell Health Laboratories will now perform the Wheat Allergen Component test. This test supports the diagnosis of wheat allergy by detection of specific IgE antibodies to the wheat allergenic components listed below.

- **Tri a 19 (f416):** Tri a 19, also referred to as omega-5 gliadin, is a major allergen found in wheat. It is considered as a marker allergen in wheat dependent exercise-induced anaphylaxis seen in adults.
- **Tri a 14 (f433):** Tri a 14 is a 9-kDa non-specific lipid transfer protein (nsLTP) present in the grains of *Triticum aestivum* (wheat). It has been associated with multiple clinical presentations, including food allergy to wheat, wheat-dependent exercise induced anaphylaxis and occupational baker's asthma.
- **Gliadin (f98):** Gliadin is a natural, non-recombinant mix of alpha, beta, gamma and omega gliadins. Gliadin may be of benefit in assessing patients sensitized to hydrolyzed wheat proteins (used particularly in cosmetics)

Test Requirement	Wheat Allergen Component
Specimen Type/ Volume	1 mL serum (minimum 0.5 mL)
Submission Container/Tube	Gold top tube (Serum separator tube)
Methodology	ImmunoCAP Fluorescence Enzyme Immunoassay
Transport Temperature	Refrigerated
CPT Code	86008 (x 3)
Computer Interface Code	<b>PDM #231706</b>
Test Order	<b>RWHEATCP</b>

If you have any questions, please contact Client Services at (800) 472-5757.