

☒ **NEW TEST** ☐ **TEST CHANGE**

NOTIFICATION DATE: 10/18/2023

EFFECTIVE DATE: 10/24/2023

Egg Component Panel (REGGCP)

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

- **Ovalbumin (f232):** Ovalbumin (Gal d 2) is a protein present in egg white and is considered a major allergenic protein molecule associated with egg allergic reactions among children. Ovalbumin is a heat-labile protein and even susceptible to enzymatic digestion. Therefore, allergy towards Gal d 2 is generally found to be associated with uncooked (raw) eggs rather than cooked eggs.
- **Ovomucoid (f233):** Ovomucoid (Gal d 1) is a protein present in egg white and is considered a major allergenic protein molecule associated with egg allergic reactions among children. It is a stable protein (allergenicity remains intact), resistant to both heat and enzymatic digestion. An elevated level of Gal d 1 specific IgE (sIgE) has been reported to be correlated with persistent egg allergy.

Test Requirement	Egg Component Panel
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 2
Computer Interface Code	PDM #231036
Test Order	Egg Component Panel

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