

PROVINCIAL LABORATORY SERVICES
COMMUNIQUÉ

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TO: PHYSICIANS AND NURSE PRACTITIONERS

FROM: DR. MARVIN TESCH

DATE: SEPTEMBER 15, 2016

RE: PEANUT COMPONENT TESTING

Peanut Component Testing

Peanut allergy can be severe and life threatening. It is the most common food allergy and its incidence is increasing. Unlike some allergies you will not outgrow it. Management requires strict avoidance and carry an epi pen hence, proper diagnosis is critical. Both skin tests and traditional allergy testing (the complete allergen or Peanut (f13) have poor positive predictive value. Food challenge can be dangerous and costly.

To aid in diagnosis we have introduced Peanut component testing using.

Allergen: Peanut Component (rAra-h2)
A positive result indicates severe peanut allergy

Allergen: Peanut Component (rAra-h8: Pr-10)
A positive result indicates insignificant peanut allergy

The tests can be ordered as a needed, but we will do reflex testing for Peanut (f13) values of >50 KUA/L and the tests should always be run together. The tests need be done once only for a patient. Reference range for both: a positive result ≥ 1.25 KUA/L but results will be accompanied by a comment

A positive result for Peanut Component (rAra-h2) indicates a high risk for severe systemic peanut allergy.

A positive result for Peanut Component (rAra-h8: Pr-10) and negative result for Peanut Component (rAra-h2) indicates a low risk of severe systemic peanut allergy.

FOR MORE INFORMATION PLEASE CONTACT:

Dr. Marvin Tesch Tel: (902) 894-2302 Email: mrtesch@ihis.org
