

Quantifying total tryptase levels with
ImmunoCAP Tryptase

results

in evaluation of risk for severe allergic reaction

ImmunoCAP Tryptase measures the total level of tryptase released by mast cells into serum. Mast cells are activated during allergic reaction, releasing inflammatory mediators that include tryptase. This process leads to the signs and symptoms of an allergic reaction. A transient increase in the level of tryptase in circulation after a patient suffers an anaphylactic reaction helps to identify and assess the extent of the reaction.

CLINICAL UTILITY

Increased tryptase levels in serum can be used:

- As a risk marker for severe allergic reactions
- In anaphylactic reactions confirming mast cell activation and in post-mortem diagnosis
- As a marker for mastocytosis and haematological disorders

RELIABLE METHODOLOGY

- Blood samples should be collected between 15 minutes and 3 hours after the onset of symptoms
- Elevated tryptase levels can usually be detected up to 6 hours following an anaphylactic reaction and return to baseline levels 24-48 hours after release
- In healthy individuals, baseline levels have been reported between 1-15 µg/l

ImmunoCAP Tryptase can measure an increase in total tryptase levels, indicating an increased risk for severe allergic reaction.



From local clinics to the world's largest commercial laboratories, performing up to 30,000 tests per day, there is a Phadia system designed for your needs. Phadia systems offer full automation and unrivalled technology – technology that gives true quantitative IgE measurements.

A FAMILY TO GROW WITH

When your allergy testing grows you can simply add new Phadia instrumentation without having to abandon your previous system. The unique Phadia Information Data Manager software allows you to integrate several Phadia systems into one network without having to learn new software.

TECHNICAL FEATURES

- Accurate and reproducible test results
- True quantitative measurements
- Large panel of standardised, high-quality allergens and antigens available
- 40 µl serum or plasma needed per test

Phadia Laboratory Systems provide optimal allergy testing solutions using advanced, state-of-the-art technology.

For more information go to the Phadia website: www.phadia.com