



ImmunoCAP[®]

Tryptase

Phadia[®]
LABORATORY SYSTEMS

 **ImmunoCAP**[®]
Is it allergy?

Quantifying total tryptase levels with ImmunoCAP Tryptase

in evaluation of 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:

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

ImmunoCAP Tryptase can measure an increase in total tryptase levels, indicating an anaphylaxis or if persistent: mastocytosis.

Reliable methodology

- Blood samples should be collected between 15 minutes and 3 hours after the onset of anaphylactic 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

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



ImmunoCAP tests give reliable results that support primary care physicians as well as specialists in providing optimal patient management. Through fully automated Phadia Laboratory Systems you can increase your operational efficiency and shorten the lead times – whether being a small local clinic or a large commercial laboratory.

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 instruments into one network without having to learn new software.

Technical features ImmunoCAP Tryptase

- Measuring range: 1–200 µg/l
- Accurate and reproducible test results
- 40 µl serum or plasma needed per test

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