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Quantifying eosinophil cationic protein with ImmunoCAP™ ECP

in proper evaluation of asthma patients

ImmunoCAP ECP measures the level of eosinophil cationic protein (ECP) in serum. A high level of serum ECP indicates inflammation which is a risk factor for asthmatic patients. Measuring ECP in a serum sample is an objective and direct way of estimating the severity of airway inflammation and following the course of disease in asthmatic patients.

Clinical importance in asthma

ImmunoCAP ECP serum measurements can be used:

- To monitor inflammation in asthma
- To guide corticosteroid treatment in asthma
- To find non-compliant patients

ImmunoCAP ECP helps to identify ongoing inflammation associated with asthma and aids in determining appropriate therapy for asthmatic patients.

Technical details

- Healthy adults demonstrated levels with a geometric mean of 5.5 µg/L
- Healthy children demonstrated levels with a geometric mean of 5.9 µg/L
- Blood collection tubes, coagulation time and temperature must be kept within specified limits as these factors will affect the concentration of released ECP in serum samples
- Plasma and haemolysed serum should not be used

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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 ECP

- Measuring range: 2–200 µg/L
- Accurate and reproducible test results
- 40 µL serum needed per test

Find out more at **thermofisher.com/phadia**

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