Quantifying total concentration of IgE with ImmunoCAP Total IgE in the evaluation of IgE-mediated allergy

ImmunoCAP Total IgE measures the total amount of circulating IgE in human serum or plasma. IgE antibodies appear as a result of sensitisation to allergens. In most patients suffering from asthma, rhinitis, or eczema due to allergy, the concentration of total IgE may be elevated.

Clinical utility
- Total IgE measurement provides an aid in the clinical diagnosis of IgE-mediated allergic disorders
- In suspected occupational allergy, total IgE measurement provides a good indication of sensitisation caused by high allergen exposure without atopic background.

ImmunoCAP Total IgE accurately measures the total amount of circulating IgE antibodies, aiding in the diagnosis of IgE-mediated allergic disorders.

Technical details
- The normal concentration of total IgE is age-related
  - Up to 10 years of age, total IgE levels increase
  - At 10 years of age, total IgE levels peak and then decline to levels that are maintained throughout adulthood
- The measuring range for an undiluted sample is 2–5000 kU/l
- For young children, an application with the range of 0–100 kU/l is available
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 Total IgE

- Measuring range: 2–5000 kU/l.
- Application for low concentrations 0–100 kU/l
- Accurate and reproducible test results
- 40 µl serum or plasma needed per test