

Reliable Results

Optimal patient management

Allergies are an increasing public health issue. Asthma is the #1 chronic disease in childhood, with one in ten children having asthma and two in ten having allergies. The NIH Guidelines for Asthma Management recommend patients with persistent asthma be evaluated for the potential role of allergens. Specific IgE blood testing can identify allergic triggers so exposure can be reduced.

MercyOne Des Moines Laboratory is the first laboratory in Central Iowa to perform ImmunoCAP allergy testing. ImmunoCAP's methodology is considered the gold standard for allergy testing, producing reliable results that support primary care physicians and specialists in providing optimal patient management. Rast or "skin prick" testing does not provide the quantitative IgE result that ImmunoCAP does.

Testing offers more than 650 different allergens and 90 allergen components for sensitive and precise quantitative detection of allergen-specific IgE antibodies. IgE antibodies appear in the blood as a result of sensitization to a specific allergen. Measurement of circulating IgE antibodies provides an objective assessment of sensitization to an allergen. Using this testing to determine the presence of IgE antibodies aids the reliable diagnosis of patients with suspected allergy.



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Des Moines
Laboratory
Allergy Testing

Region 8 Respiratory Allergy Profile (RAP8)

1.3 ML of serum (minimum)

- *Alternaria alternata*
- *Aspergillus fumigatus*
- Bermuda grass (*Cynodon dactylon*)
- Cat dander
- *Cladosporium herbarum*
- Cockroach
- Cottonwood (*Populus deltoides*)
- *Dermatophagoides farinae* (house dust mites)
- *D. pteronyssinus*
- Dog dander
- Elm (*Ulmus americana*)
- Maple (box elder; *Acer negundo*)
- Maple leaf sycamore, London Plane
- Mountain cedar (*Juniperus sabinoides*)
- Mouse urine
- Mulberry
- Oak (*Quercus alba*)
- Pecan/hickory (*Carya soeue*, pecan)
- *Penicillium notatum*
- Ragweed (short; *Ambrosia elatior*)
- Rough marsh elder (*Iva*)
- Rough pigweed (*Amaranthus retroflexus*)
- Russian thistle (Saltwort, *Salsola kali*)
- Timothy grass (*Phleum pratense*)
- Walnut (*Juglans californica*)
- White ash (*Fraxinus americana*)
- Total IgE

Childhood Allergy Profile (CAP)

0.8 ML of serum (minimum)

- *Alternaria alternata*
- Cat dander
- *Cladosporium herbarum*
- Cockroach
- Cod fish
- Cow's milk
- *Dermatophagoides farinae* (house dust mites)
- *D. pteronyssinus*
- Dog dander
- Egg white
- Peanut
- Shrimp
- Soybean
- Walnut
- Wheat
- Total IgE

Pediatric Pulmonary Allergy Panel (PPAP)

0.5 ML of serum (minimum)

- *Aspergillus fumigatus*
- Cat dander
- Cow's milk
- *D. farinae* (house dust mites)
- Dog dander
- Egg white
- Peanut
- Soybean
- Wheat
- Total IgE

Food Allergy Profile (FAPA)

0.6 ML of serum (minimum)

- Almond
- Cashew
- Cod fish
- Cow's milk
- Egg white
- Hazelnut
- Peanut
- Salmon
- Scallop
- Sesame
- Shrimp
- Soybean
- Tuna
- Walnut
- Wheat



Allergens can also be ordered individually. Additional allergens are available; contact us for a full list.

