

# Polycheck® Allergy Diagnostic in Serum

Screening and quantitative evaluation in a single approach

- Solid phase immuno-assay using monoclonal antibody, specific for IgE
- Detection of Total-IgE
- 20 (10) separate allergens on each different Panel: Food, Inhalation, Paediatric and different regional Panels
- **New Panel ! rBet v1/v2 plus**; recombinant major birch allergens and their members of corresponding crossreactive allergen “family”

## Polycheck® Allergy System

offers the

### CASSETTE-FORMAT

for human serum allergy testing

- only 200µl patient's serum needed
- up to 12 cassettes in one holder
- machine or manual procedure („microtitre plate format“)
- Scanning resolution: 600dpi
- coloured panels for automated identification
- **Biocheck Image Software (BIS)** in different languages
- **BIS** prints documents, stores data and can export data to external data bases



**Polycheck® Cassette-Format**

*One chamber reaction incl. 5 Standards, 20 or 10 Allergens and background evaluation*

### Polycheck® System:

Polycheck® System means a platform technology enabling a quantitative multi-parameter analysis in a single test approach.

In one reaction chamber all test information are generated at the same time under the same circumstances:

- featuring the individual specific Allergic reactions quantified by monoclonal antibodies
- presenting a standard curve calculated on the basis of 6 single coordinates
- revealing the background reaction and unspecific impacts
- showing a possible quenching phenomenon for the individual patient's serum
- determination and quantification of patient's specific individual cross reactions

Diagnostic data are calculated using **Biocheck Image Software (BIS)**, composing a result document in different languages, storing data in archives or exporting results to external lab data bases via Network or Internet.