



**POLYCHECK®** | A BRAND OF BIOCHECK  
Diagnostics made in Germany



**Catalog**  
2017

**Polycheck® Serum Diagnostics**  
Innovative and reliable since 1999



## ABOUT POLYCHECK®

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Polycheck® is a brand of Biocheck GmbH. It stands for a platform technology to facilitate multiparameter testing in human and veterinarian medicine. Quantitative screening of different parameters can be processed in one test approach. The user-friendly Biocheck Imaging Software evaluates the tests precisely. Result documentation can be printed in numerous languages and stored in a central LIS, including the raw data image.

### Short Facts

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**Produced in:** Germany

**Established:** 1999

**Distribution into countries:** 30

**Brand of:** Biocheck GmbH

**EN ISO 13485:2012/AC:2012**

**GDMN Code:** 30278

**EDMA Code:** 12 02 01 05

# POLYCHECK® PRODUCT LINES

## Panels for human and veterinarian serum diagnostics

Test kits for human serum diagnostics are available to test for allergies as well as autoimmune disorders. Variants of allergens or antigens can include: different numbers of targets to evaluate allergic responses in the field of inhalation, food, pediatrics, insects and other challenges. Additionally regionally specialized panels are offered

as well as panels intended to test the response to components and recombinant allergens. Concerning autoimmune disorders the panels are suitable for general screenings as well as organ related autoaggression. In the field of veterinary diagnostics the panels are customized for dogs, cats and horses with their characteristic problems.



Allergy



Autoimmune



Veterinary

## MANUAL TESTING

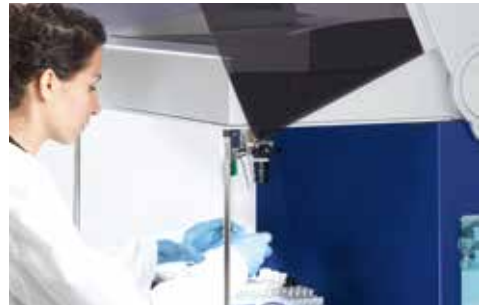
Inexpensive and easy



With Polycheck® all you need is standard laboratory equipment for testing and a PC with flatbed scanner for analysis. Polycheck® is the ideal system for any size laboratory.

## AUTOMATED TESTING

High-throughput and comfortable



The fully automated system is geared to large laboratories doing a high volume of testing. The automated Polycheck® solution allows you to run up to 48 tests simultaneously within an approximate time frame of 4.5 hours and finishes with clear, easy to interpret documentation. The software identifies the panels and gives quantitative results. Subsequently, it saves and archives the data which can be printed and/or transferred as needed.

# A User-Friendly Testing System for Reliable Diagnostics

Polycheck® is an innovative product for Allergy and Autoimmune Tests with many advantages for nowadays test systems. More and more laboratories all over the world are using it and it can easily get started with you, too.



## 1. Taking a Blood Sample

A simple procedure that doctors and medical staff can easily perform. Unlike the Prick-Test this procedure does not directly expose the patient to allergens. Consequently, it is safe even for children under six as it is not interfering with the developing immune system.



## 2. Pipetting Serum

Serum is applied onto cassettes carrying membranes with different allergen composition or antigens. For up to 30 allergens only 200  $\mu$ l volume is needed for testing which is highly sufficient and economic.



## 3. Incubating

At this stage it is important to follow the protocol concerning incubation times and conditions. There is a wide variety of different regional allergen compositions available.



## 4. Proceeding the Assay

The membranes have to be washed thoroughly several times according to the protocol. Special reagents are used for Allergy, Autoimmune and Veterinary tests, respectively ending with the final precipitation of AP-related substrate conversion reflecting the severeness of the disease.



## 5. Evaluating & Analyzing the Results

With the help of the Biocheck Imaging Software and a flatbed scanner it is simple to analyze the results, store, transfer and/or produce an easy-to-read printout.



## Automated Testing

For high throughput testing we offer a fully automated solution including the imaging analysis.



## BIOCHECK IMAGING SOFTWARE

### One-for-all-Software

Our One-for-all-Software offers automatic panel-recognition by colour and identifiers. It offers you an easy and quick test approach documented either digitally or on printouts. For the interpretation of the test results, a flatbed scanner or a CCD camera is needed. Correct panel recognition is crucial for reliable test results. For this purpose it is important to use one of our recommended scanner models.

#### Here are the most important advantages:

- > Imaging by scanner or CCD camera
- > Data storage locally or exportable (LIS)
- > Printout of results, and personal comments can be added before printing and saving
- > Standardized system control check for choice
- > Plotting standard curve for each cassette possible
- > Currently 14 different languages

#### What you need for the test:

##### **Polycheck® Kit:**

Available from our distributors

##### **Standard Lab Equipment:**

Rocking Shaker, Pipettes,  
Timer, Refrigerator

##### **IT Equipment:**

Personal Computer (Win 7 or  
higher, Net Framework 3.5),  
Printer & Flatbed Scanner

##### **Biocheck Imaging Software:**

Free Download on our Website  
> [www.polycheck.de](http://www.polycheck.de)

#### Any questions about technical requirements?

##### **Christopher Welling**

Technical Support

☎ +49 | 251 | 93 25 85 17

✉ [welling@polycheck.de](mailto:welling@polycheck.de)

**Download Our  
Software for Free**

[www.polycheck.de](http://www.polycheck.de)



# RESULTS DOCUMENTATION

This is what the printout looks like!

Dr. Jana Smith  
Laboratory  
Any Street  
12345 Any City



Quantitative Multiparameter Assay  
ISO 13485:2012 certified  
www.polycheck.de

Name: Doe  
First Name: John  
ID or d.o.b.: 15.10.1972  
File Name: ...

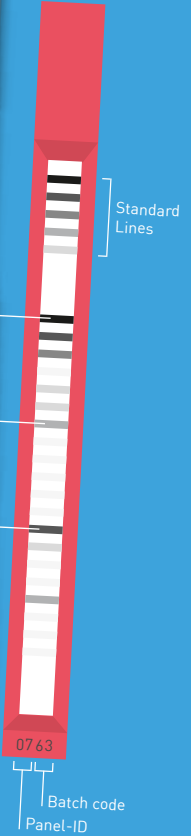
Test (Allergy): Inhalation 20-I  
Order #: / Origin: 12345 /  
Date of Origin: 02.11.2015  
Print Date: 26.09.2016 (V. 4.04.12)  
M:AllergenPanelKoreaPanelQCvBlockchipsPanel02\_11\_2015  
13, 40, 16, 81 amp

| Allergens                | Class | IgE [kU/L] | Class |     |     |      | *** |
|--------------------------|-------|------------|-------|-----|-----|------|-----|
|                          |       |            | 0     | 1   | 2   | 3    |     |
| i03 Birch pollen         | 5     | 91         | 0.35  | 0.7 | 3.5 | 17.5 | 100 |
| i02 Alder pollen         | 5     | 63         |       |     |     |      |     |
| i04 Hazel pollen         | 3     | 11         |       |     |     |      |     |
| i07 Oak pollen           | 0     | 0.16       |       |     |     |      |     |
| g06 Timothy Grass pollen | 1     | 0.48       |       |     |     |      |     |
| g12 Ryegrass pollen      | 1     | 0.49       |       |     |     |      |     |
| w06 Mugwort pollen       | 2     | 0.88       |       |     |     |      |     |
| w09 Plantain pollen      | 0     | <0.15      |       |     |     |      |     |
| e01 D. pteronyssinus     | 0     | <0.15      |       |     |     |      |     |
| e02 D. farinae           | 0     | <0.15      |       |     |     |      |     |
| e02/e05 Dog epithelia    | 0     | <0.15      |       |     |     |      |     |
| e01 Cat epithelia        | 0     | <0.15      |       |     |     |      |     |
| e03 Horse epithelia      | 4     | 24         |       |     |     |      |     |
| e06 Guinea pig epithelia | 1     | 0.50       |       |     |     |      |     |
| e84 Hamster epithelia    | 0     | <0.15      |       |     |     |      |     |
| e82 Rabbit epithelia     | 0     | <0.15      |       |     |     |      |     |
| m03 Asp. fumigatus       | 2     | 1.2        |       |     |     |      |     |
| m02 Cladosp. herbarum    | 0     | <0.15      |       |     |     |      |     |
| m01 Pen. notatum         | 0     | <0.15      |       |     |     |      |     |
| m06 Alt. alternata       | 0     | <0.15      |       |     |     |      |     |

| Class | Genic IgE [kU/L] | Explanation                      | Class | Genic IgE [kU/L] | Explanation                           |
|-------|------------------|----------------------------------|-------|------------------|---------------------------------------|
| 0     | <0.15            | No specific antibody detection   | 4     | 17.5 - 100       | Strong antibody concentration         |
| 1     | 0.35 - 0.7       | Very weak antibody concentration | 5     | 50 - 100         | Very strong antibody concentration    |
| 2     | 0.7 - 3.5        | Weak antibody concentration      | 3     | >= 100           | Extremely high antibody concentration |
| 3     | 3.5 - 17.5       | Clear antibody concentration     |       |                  |                                       |

Comments:

Signature: (Dr. J. Smith)





**Any questions about autoimmune panels?**

**Eugenia Eichwald**

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**Any questions about allergy panels?**

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**Any questions about veterinary panels?**

**Dr. med. vet. Ute Borchard**

Veterinarian

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## QUICK AND EASY

Polycheck® offers a test-system suitable for every kind of laboratory

**Polycheck®  
Products**

### These are your benefits:

- > Approach up to 30 targets in one test
- > Use only 200 µl of serum
- > Choose automatic or manual procedure
- > For QC assess INSTAND e.V. and UK NEQAS
- > Add up to 12 cassettes to one MTP-holder
- > Rely on ready-to-use reagents
- > Use your standard lab equipment
- > Save time and use full automation



### The benefits of our 25 different allergy panels:

- > Highly specific determination using monoclonal antibody specifically against IgE
- > Minimal amount of serum needed (only 200 µl for up to 30 allergens)
- > Total IgE validation
- > CCD Marker
- > Native and recombinant allergen preparations
- > Control serum samples available



### The benefits of our seven autoimmune panels:

- > Determination of Autoimmune-specific IgG or IgA antibodies in serums
- > Only 15 µl serum for up to 18 targets needed
- > Native and recombinant antigen preparations
- > Control serum upon request



### The benefits of our three veterinary panels:

- > Determination of species-specific IgE by use of monoclonal antibodies
- > Minimal amount of serum needed (only 200 µl for up to 31 allergens)
- > Panels with species-related allergens
- > Support for source and protocol of hyposensitization available

Inhalation 20-I 

|         |                       |
|---------|-----------------------|
| t03     | Birch pollen          |
| t02     | Alder pollen          |
| t04     | Hazel pollen          |
| t07     | White Oak pollen      |
| g06     | Timothy Grass pollen  |
| g12     | Rye pollen            |
| w06     | Mugwort pollen        |
| w09     | Plantain pollen       |
| d01     | D. pteronyssinus      |
| d02     | D. farinae            |
| e02/e05 | Dog epithelia         |
| e01     | Cat epithelia         |
| e03     | Horse epithelia       |
| e06     | Guinea Pig epithelia  |
| e84     | Hamster epithelia     |
| e82     | Rabbit epithelia      |
| m03     | Aspergillus fumigatus |
| m02     | Cladosporium herbarum |
| m01     | Penicillium notatum   |
| m06     | Alternaria alternata  |

Inhalation 30-I 

|         |                         |
|---------|-------------------------|
| t23     | Cypress pollen          |
| t04     | Hazel pollen            |
| t15     | White Ash pollen        |
| t07     | White Oak pollen        |
| t09     | Olive pollen            |
| t03     | Birch pollen            |
| g12     | Rye pollen              |
| g14     | Cultivated Oat          |
| g08     | June Grass pollen       |
| g06     | Timothy Grass pollen    |
| g15     | Cultivated Wheat pollen |
| g03     | Cocksfoot pollen        |
| g02     | Bermuda Grass pollen    |
| w09     | Plantain pollen         |
| w10     | Goosefoot pollen        |
| w21     | Wall Pellitory pollen   |
| w01     | Ragweed pollen          |
| w06     | Mugwort pollen          |
| e01     | Cat epithelia           |
| e02/e05 | Dog epithelia           |
| e03     | Horse epithelia         |
| m06     | Alternaria alternata    |
| m03     | Aspergillus fumigatus   |
| m05     | Candida albicans        |
| d201    | Blomia tropicalis       |
| d01     | D. pteronyssinus        |
| d02     | D. farinae              |
| k82     | Latex                   |
| i06     | Cockroach               |
| k202    | CCD <sup>9</sup>        |

Inhalation 10-I 

|     |                      |
|-----|----------------------|
| t03 | Birch pollen         |
| t02 | Alder pollen         |
| t04 | Hazel pollen         |
| t07 | White Oak pollen     |
| t09 | Olive pollen         |
| g06 | Timothy Grass pollen |
| g12 | Rye pollen           |
| w01 | Ragweed pollen       |
| w06 | Mugwort pollen       |
| w09 | Plantain pollen      |

Inhalation 10-II 

|         |                       |
|---------|-----------------------|
| d01     | D. pteronyssinus      |
| d02     | D. farinae            |
| e02/e05 | Dog epithelia         |
| e01     | Cat epithelia         |
| e03     | Horse epithelia       |
| e81     | Sheep epithelia       |
| m03     | Aspergillus fumigatus |
| m02     | Cladosporium herbarum |
| m01     | Penicillium notatum   |
| m06     | Alternaria alternata  |

Inhalation 10-III 

|         |  |
|---------|--|
| t03     | Birch pollen                                     |
| gx7     | 6 Grass Mix <sup>1</sup>                         |
| g12     | Rye pollen                                       |
| w06     | Mugwort pollen                                   |
| d01     | D. pteronyssinus                                 |
| d02     | D. farinae                                       |
| e02/e05 | Dog epithelia                                    |
| e01     | Cat epithelia                                    |
| ex78    | Feathers Mix <sup>2</sup>                        |
| m02/m06 | Cladosporium herbarum / Alternaria alternata Mix |

Food 20-I 

|     |             |
|-----|-------------|
| f17 | Hazelnut    |
| f13 | Peanut      |
| f16 | Walnut      |
| f20 | Almond      |
| f02 | Milk        |
| f01 | Egg White   |
| f75 | Egg Yolk    |
| f78 | Casein      |
| f35 | Potato      |
| f85 | Celery      |
| f31 | Carrot      |
| f25 | Tomato      |
| f03 | Codfish     |
| f24 | Shrimp      |
| f95 | Peach       |
| f49 | Apple       |
| f14 | Soybean     |
| f04 | Wheat flour |
| f10 | Sesame      |
| f05 | Rye flour   |

Food 10-III 

|      |                        |
|------|------------------------|
| f02  | Milk                   |
| f01  | Egg White              |
| f75  | Egg Yolk               |
| f78  | Casein                 |
| f14  | Soya                   |
| f09  | Rice                   |
| f93  | Cacao [Chocolate]      |
| f49  | Apple                  |
| f31  | Carrot                 |
| fx10 | Flour Mix <sup>4</sup> |

Food 10-IV 

|      |                         |
|------|-------------------------|
| f13  | Peanut                  |
| f10  | Sesame                  |
| f26  | Pork meat               |
| f83  | Chicken meat            |
| f27  | Beef meat               |
| f03  | Codfish                 |
| fx29 | Citrus Mix <sup>3</sup> |
| f85  | Celery                  |
| f95  | Peach                   |
| f25  | Tomato                  |



## Food 30-I

|      |                         |
|------|-------------------------|
| f25  | Tomato                  |
| f96  | Avocado                 |
| f92  | Banana                  |
| fx29 | Citrus Mix <sup>3</sup> |
| f84  | Kiwi                    |
| f13  | Peanut                  |
| f17  | Hazelnut                |
| f12  | Pea                     |
| f14  | Soybean                 |
| f85  | Celery                  |
| f27  | Beef meat               |
| f83  | Chicken meat            |
| f26  | Pork meat               |
| f207 | Clam Shell              |
| f24  | Shrimp                  |
| f23  | Crab                    |
| f40  | Tuna, Yellowfin         |
| f03  | Codfish                 |
| f47  | Garlic                  |
| f48  | Onion                   |
| f45  | Baker's Yeast           |
| f10  | Sesame                  |
| f09  | Rice                    |
| f08  | Corn                    |
| f04  | Wheat flour             |
| f76  | Alpha-Lactalbumin       |
| f77  | Beta-Lactoglobulin      |
| f78  | Casein                  |
| f01  | Egg White               |
| k202 | CCD <sup>9</sup>        |

## Paediatric 20-I

|         |                       |
|---------|-----------------------|
| f13     | Peanut                |
| f02     | Milk                  |
| f01     | Egg White             |
| f75     | Egg Yolk              |
| f35     | Potato                |
| f31     | Carrot                |
| f03     | Codfish               |
| f49     | Apple                 |
| f14     | Soybean               |
| f04     | Wheat flour           |
| t03     | Birch pollen          |
| g06     | Timothy Grass pollen  |
| w06     | Mugwort pollen        |
| d01     | D. pteronyssinus      |
| d02     | D. farinae            |
| e02/e05 | Dog epithelia         |
| e01     | Cat epithelia         |
| e03     | Horse epithelia       |
| m03     | Aspergillus fumigatus |
| m02     | Cladosporium herbarum |

## Atopic 30-I

|         |                          |
|---------|--------------------------|
| f02     | Milk                     |
| f76     | Alpha-Lactalbumin        |
| f77     | Beta-Lactoglobulin       |
| f78     | Casein                   |
| f01     | Egg White                |
| f75     | Egg Yolk                 |
| f03     | Codfish                  |
| f13     | Peanut                   |
| f93     | Cacao                    |
| f14     | Soybean                  |
| f49     | Apple                    |
| f31     | Carrot                   |
| f25     | Tomato                   |
| fx10    | Flour Mix <sup>4</sup>   |
| f83     | Chicken Meat             |
| fx29    | Citrus Mix <sup>3</sup>  |
| f09     | Rice                     |
| gx7     | 6 Grass Mix <sup>1</sup> |
| g12     | Rye pollen               |
| e02/e05 | Dog epithelia            |
| e01     | Cat epithelia            |
| m02     | Cladosporium herbarum    |
| m06     | Alternaria alternata     |
| m03     | Aspergillus fumigatus    |
| d01     | D. pteronyssinus         |
| d02     | D. farinae               |
| t04     | Hazel pollen             |
| t03     | Birch pollen             |
| w06     | Mugwort pollen           |
| k202    | CCD <sup>9</sup>         |

## Atopic 20-I

|         |  |
|---------|--|
| f02     | Milk   |
| f78     | Casein   |
| f76     | Alpha-Lactalbumin                                |
| f77     | Beta-Lactoglobulin                               |
| e204    | Bovine serum albumin                             |
| f01/f75 | Egg White / Egg Yolk Mix                         |
| f09     | Rice   |
| f14     | Soybean  |
| f92     | Banana   |
| f26     | Pork meat  |
| f27     | Beef meat  |
| f83     | Chicken meat                                     |
| fx10    | Flour Mix <sup>4</sup>                           |
| f45     | Baker's Yeast                                    |
| d01/d02 | D. pteronyssinus/D. farinae Mix                  |
| m02/m06 | Cladosporium herbarum / Alternaria alternata Mix |
| t03/t07 | Birch pollen / Oak pollen Mix                    |
| t02/t04 | Alder pollen / Hazel pollen Mix                  |
| gx7     | 6 Grass Mix <sup>1</sup>                         |
| tlgE    | Total IgE  |

## Atopic 30-II


|         |                         |
|---------|-------------------------|
| f85     | Celery                  |
| f14     | Soybean                 |
| f13     | Peanut                  |
| f12     | Pea                     |
| f96     | Avocado                 |
| f26     | Pork Meat               |
| f04     | Wheat flour             |
| f24     | Shrimp                  |
| f03     | Codfish                 |
| f84     | Kiwi                    |
| f02     | Milk                    |
| f01     | Egg White               |
| t03     | Birch pollen            |
| t09     | Olive pollen            |
| t07     | White Oak pollen        |
| t11     | London Plane pollen     |
| t23     | Cypress pollen          |
| g15     | Cultivated Wheat pollen |
| g06     | Timothy Grass pollen    |
| w01     | Ragweed pollen          |
| w21     | Wall Pellitory pollen   |
| w06     | Mugwort pollen          |
| e01     | Cat epithelia           |
| e02/e05 | Dog epithelia           |
| m03     | Aspergillus fumigatus   |
| m06     | Alternaria alternata    |
| i06     | Cockroach               |
| d01     | D. pteronyssinus        |
| d02     | D. farinae              |
| k202    | CCD <sup>9</sup>        |

Korea I-Standard 


|          |                                 |
|----------|---------------------------------|
| f14      | Soybean                         |
| f02      | Milk                            |
| f01      | Egg White                       |
| f23      | Crab                            |
| f24/f440 | Shrimp Mix <sup>5</sup>         |
| f95      | Peach                           |
| h01      | House Dust                      |
| d01      | D. pteronyssinus                |
| d02      | D. farinae                      |
| ix267    | Cockroach Mix <sup>6</sup>      |
| e02/e05  | Dog epithelia                   |
| e01      | Cat epithelia                   |
| m06      | Alternaria alternata            |
| t02/t03  | Alder pollen / Birch pollen Mix |
| t07      | White Oak pollen                |
| w01      | Ragweed pollen                  |
| w06      | Mugwort pollen                  |
| g06      | Timothy Grass pollen            |
| g12      | Rye pollen                      |
| tlgE     | Total IgE                       |

Korea Standard 30 

|          |                                 |
|----------|---------------------------------|
| f14      | Soybean                         |
| f02      | Milk                            |
| f01      | Egg White                       |
| f23      | Crab                            |
| f24/f440 | Shrimp Mix <sup>5</sup>         |
| f95      | Peach                           |
| h01      | House Dust                      |
| d01      | D. pteronyssinus                |
| d02      | D. farinae                      |
| ix267    | Cockroach Mix <sup>6</sup>      |
| e02/e05  | Dog epithelia                   |
| e01      | Cat epithelia                   |
| m06      | Alternaria alternata            |
| t02/t03  | Alder pollen / Birch pollen Mix |
| t07      | White Oak pollen                |
| w01      | Ragweed pollen                  |
| w06      | Mugwort pollen                  |
| g06      | Timothy Grass pollen            |
| g12      | Rye pollen                      |
| i01      | Bee Venom                       |
| w22      | Japanese Hop pollen             |
| m03      | Aspergillus fumigatus           |
| m02      | Cladosporium herbarum           |
| f60      | Mackerel                        |
| f11      | Buckwheat flour                 |
| f13      | Peanut                          |
| i81      | Pupa                            |
| d72      | Tyrophagus putrescentiae        |
| k202     | CCD <sup>9</sup>                |
| tlgE     | Total IgE                       |

Korea II-Inhalation 

|       |                          |
|-------|--------------------------|
| w07   | Oxeye Daisy pollen       |
| g09   | Redtop pollen            |
| t61   | Sycamore pollen          |
| w11   | Russian Thistle pollen   |
| t17   | Japanese Cedar pollen    |
| t215  | Lilac pollen             |
| tx251 | Ash Mix <sup>7</sup>     |
| t19   | Acacia pollen            |
| t04   | Hazel pollen             |
| w14   | Pigweed pollen           |
| g04   | Meadow Fescue pollen     |
| g02   | Bermuda Grass pollen     |
| g03   | Cocksfoot pollen         |
| w12   | Goldenrod pollen         |
| w08   | Dandelion pollen         |
| k82   | Latex                    |
| m03   | Aspergillus fumigatus    |
| m02   | Cladosporium herbarum    |
| m01   | Penicillium notatum      |
| d72   | Tyrophagus putrescentiae |

Korea Inhalation 30 

|       |                            |
|-------|----------------------------|
| w07   | Oxeye Daisy pollen         |
| g09   | Redtop pollen              |
| t61   | Sycamore pollen            |
| w11   | Russian Thistle pollen     |
| t215  | Lilac pollen               |
| tx251 | Ash Mix <sup>7</sup>       |
| t19   | Acacia pollen              |
| w14   | Pigweed pollen             |
| g04   | Meadow Fescue pollen       |
| g02   | Bermuda Grass pollen       |
| g03   | Cocksfoot pollen           |
| w12   | Goldenrod pollen           |
| w08   | Dandelion pollen           |
| k82   | Latex                      |
| t17   | Japanese Cedar pollen      |
| d61   | Tetranychus urticae        |
| t04   | Hazel pollen               |
| t16   | Pine pollen                |
| m09   | Fusarium moniliforme       |
| d70   | Acarus siro                |
| m01   | Penicillium notatum        |
| t05   | Beech pollen               |
| t14   | Cottonwood pollen          |
| t08   | Elm pollen                 |
| m05   | Candida albicans           |
| t12   | Willow pollen              |
| g08   | Kentucky Blue Grass pollen |
| e81   | Sheep epithelia            |
| g07   | Reed pollen                |
| g01   | Sweet Vernal Grass pollen  |

Korea III-Food 

|      |                         |
|------|-------------------------|
| f11  | Buckwheat flour         |
| f13  | Peanut                  |
| f93  | Cacao (Chocolate)       |
| f81  | Cheese, Cheddar         |
| f60  | Mackerel                |
| f25  | Tomato                  |
| f35  | Potato                  |
| f40  | Tuna, Yellowfin         |
| f03  | Codfish                 |
| f41  | Salmon, Atlantic        |
| f26  | Pork meat               |
| f83  | Chicken meat            |
| f27  | Beef meat               |
| fx29 | Citrus Mix <sup>3</sup> |
| f45  | Baker's Yeast           |
| f04  | Wheat flour             |
| f09  | Rice                    |
| f06  | Barley flour            |
| f47  | Garlic                  |
| f299 | Sweet Chestnut          |

Korea Food 30 

|         |                         |
|---------|-------------------------|
| f93     | Cacao (Chocolate)       |
| f81     | Cheddar                 |
| f25     | Tomato                  |
| f40     | Tuna, Yellowfin         |
| f03     | Codfish                 |
| f41     | Salmon, Atlantic        |
| f26     | Pork meat               |
| f83     | Chicken meat            |
| f27     | Beef meat               |
| fx29    | Citrus Mix <sup>3</sup> |
| f45     | Baker's Yeast           |
| f04     | Wheat flour             |
| f09     | Rice                    |
| f06     | Barley flour            |
| f47     | Garlic                  |
| f299    | Sweet Chestnut          |
| f48     | Onion                   |
| f346    | Abalone                 |
| f259    | Grapes                  |
| f207    | Clam                    |
| f49     | Apple                   |
| f281    | Curry                   |
| f216    | Cabbage                 |
| f313    | Anchovy                 |
| f35     | Potato                  |
| f244    | Cucumber                |
| f92/f91 | Banana / Mango Mix      |
| f84     | Kiwi                    |
| f37     | Mussel                  |
| f290    | Oyster                  |

Mediterran 20-I 


|         |                          |
|---------|--------------------------|
| d01     | D. pteronyssinus         |
| d02     | D. farinae               |
| d71     | Lepidoglyphus destructor |
| d72     | Tyrophagus putrescentiae |
| e01     | Cat epithelia            |
| e02/e05 | Dog epithelia            |
| e04     | Cow epithelia            |
| e85     | Chicken feathers         |
| g12     | Rye pollen               |
| g13     | Velvet Grass pollen      |
| g21     | Quack Grass pollen       |
| g202    | Maize pollen             |
| gx8     | Grass Mix <sup>8</sup>   |
| w01     | Ragweed pollen           |
| w06     | Mugwort pollen           |
| w21     | Wall Pellitory pollen    |
| w204    | Sunflower pollen         |
| t14     | Cottonwood pollen        |
| t19     | Acacia longifolia pollen |
| t23     | Cypress pollen           |

Mediterran 20-II 


|     |                        |
|-----|------------------------|
| t02 | Alder pollen           |
| t03 | Birch pollen           |
| t04 | Hazel pollen           |
| t05 | Beech pollen           |
| t07 | White Oak pollen       |
| t09 | Olive pollen           |
| t12 | Willow pollen          |
| t16 | Pine pollen            |
| m01 | Penicillium notatum    |
| m02 | Cladosporium herbarum  |
| m03 | Aspergillus fumigatus  |
| m06 | Alternaria alternata   |
| m11 | Rhizopus nigricans     |
| gx8 | Grass Mix <sup>8</sup> |
| h01 | House Dust             |
| i01 | Bee venom              |
| i03 | Wasp venom             |
| e81 | Sheep epithelia        |
| w06 | Mugwort pollen         |
| w07 | Oxeye Daisy pollen     |

Insects / CCD 6 

|      |                  |
|------|------------------|
| i01  | Bee venom        |
| i03  | Wasp venom       |
| i75  | Hornet venom     |
| i71  | Mosquito         |
| i80  | Black Fly        |
| k202 | CCD <sup>9</sup> |

Milk plus Gluten 6 

|      |                      |
|------|----------------------|
| f02  | Milk                 |
| f76  | Alpha-Lactalbumin    |
| f77  | Beta-Lactoglobulin   |
| f78  | Casein               |
| e204 | Bovine Serum Albumin |
| f79  | Gluten               |

rBet v1/v2 plus 20 

|      |                         |
|------|-------------------------|
| t03  | Birch pollen            |
| t215 | rBet v1                 |
| t216 | rBet v2                 |
| t02  | Alder pollen            |
| t04  | Hazel pollen            |
| g06  | Timothy Grass pollen    |
| w06  | Mugwort pollen          |
| d01  | D. pteronyssinus        |
| k82  | Latex                   |
| f17  | Hazelnut                |
| f13  | Peanut                  |
| f85  | Celery                  |
| f31  | Carrot                  |
| f25  | Tomato                  |
| f95  | Peach                   |
| f49  | Apple                   |
| f14  | Soybean                 |
| f04  | Wheat flour             |
| f46  | Red Pepper              |
| fx29 | Citrus Mix <sup>3</sup> |

Drugs 10 

|      |                 |
|------|-----------------|
| c01  | Penicillin G    |
| c02  | Penicillin V    |
| c05  | Ampicillin      |
| c06  | Amoxicillin     |
| c223 | Sulfamethoxazol |
| c201 | Cephalosporin   |
| c436 | Ofloxacin       |
| c07  | Cefactor        |
| c103 | Tetracyclin     |
| c212 | Erythromycin    |

RecPollen-IT 

|      |                      |
|------|----------------------|
| g06  | Timothy Grass pollen |
| g205 | Phl p1               |
| g215 | Phl p5               |
| t03  | Birch pollen         |
| t215 | rBet v1              |
| t216 | rBet v2              |

## Explanation

**1 6 Grass Mix**

g03 / g04 / g05 / g06 / g08 / g13 – Cocksfoot pollen, Meadow Fescue pollen, Rye Grass pollen, Timothy Grass pollen, Kentucky Blue Grass pollen, Velvet Grass pollen

**2 Feathers Mix**

e70 / e85 / e86 / e89 – Feathers of Goose, Chicken, Duck and Turkey

**3 Citrus Mix**

f208 / f306 / f33 / f302 – Lemon, Lime, Orange & Mandarin

**4 Flour Mix**

f04 / f05 / f06 / f07 – Wheat, Rye, Barley & Oat (flours that contain Gluten)

**5 Shrimp Mix**

f24 / f440 – Atlantic & Pacific Shrimps

**6 Cockroach Mix**

i06 / i206 / i207 – Blatella germanica, Periplaneta americana, Blatta orientalis

**7 Ash Mix**

t25 / t15 / tx – European, White, Oregon and Black Ash

**8 Grass Mix**

g02 / g05 / g06 – Bermuda Grass pollen, Rye Grass pollen, Timothy Grass pollen

**9 CCD**

Cross-reactive Carbohydrate Determinants

AI-STD 

|    |                    |
|----|--------------------|
| 01 | Ro/SS-A 60         |
| 02 | La/SS-B            |
| 03 | Scl-70             |
| 04 | PM/Scl 100         |
| 05 | Sm                 |
| 06 | PCNA               |
| 07 | dsDNA              |
| 08 | Rib. Phosphopr. Po |
| 09 | CENP-B             |
| 10 | AMA M2             |
| 11 | PR3                |
| 12 | MPO                |
| 13 | TPO                |
| 14 | Thyroglobulin [TG] |

Rheuma 

|    |                    |
|----|--------------------|
| 01 | Ro/SS-A 52         |
| 02 | Jo-1               |
| 03 | Sm                 |
| 04 | CENP-B             |
| 05 | La/SS-B            |
| 06 | Histone            |
| 07 | PM/Scl 100         |
| 08 | Rib. Phosphopr. Po |
| 09 | dsDNA              |
| 10 | Scl-70             |
| 11 | U1-snRNP           |
| 12 | Ro/SS-A 60         |
| 13 | Mi-2               |
| 14 | Ku                 |

Liver/Kidney 

|    |        |
|----|--------|
| 01 | AMA M2 |
| 02 | SP 100 |
| 03 | gp 210 |
| 04 | LKM 1  |
| 05 | LC 1   |
| 06 | CENP-B |
| 07 | GBM    |
| 08 | PR3    |
| 09 | MPO    |
| 10 | SLA/LP |

AI-STD-X 


|    |            |
|----|------------|
| 01 | Ro/SS-A 52 |
| 02 | La/SS-B    |
| 03 | CENP-B     |
| 04 | Scl-70     |
| 05 | dsDNA      |
| 06 | Jo-1       |
| 07 | MPO        |
| 08 | PR3        |
| 09 | AMA M2     |
| 10 | LC 1       |
| 11 | LKM1       |
| 12 | PM/Scl-100 |
| 13 | SRP 54     |
| 14 | SP 100     |
| 15 | gp 210     |
| 16 | Ku         |
| 17 | Sm         |
| 18 | U1-snRNP   |

Celiac IgG 

|    |                   |
|----|-------------------|
| 01 | deam. Gliadin IgG |
| 02 | tTG IgG           |
| 03 | Intrinsic Factor  |

Celiac IgA 

|    |                   |
|----|-------------------|
| 01 | deam. Gliadin IgA |
| 02 | tTG IgA           |

Myositis 

|    |            |
|----|------------|
| 01 | Mi-2       |
| 02 | PM/Scl 100 |
| 03 | Jo-1       |
| 04 | SRP 54     |
| 05 | PL-7       |
| 06 | PL-12      |
| 07 | Ku         |

Canis 20 

|    |                                   |
|----|-----------------------------------|
| 01 | D. farinae                        |
| 02 | D. pteronyssinus                  |
| 03 | Malassezia                        |
| 04 | Lepidoglyphus                     |
| 05 | Aspergillus / Penicillium         |
| 06 | Alternaria / Cladosporium         |
| 07 | Ragweed (Ambrosia) pollen         |
| 08 | Birch / Alder / Hazel pollen      |
| 09 | Plantane / Willow / Poplar pollen |
| 10 | Wall Pellitory pollen             |
| 11 | Rye pollen                        |
| 12 | 6 Grass Mix <sup>1</sup>          |
| 13 | Stinging Nettle pollen            |
| 14 | Lambs Quarter pollen              |
| 15 | Plantain pollen                   |
| 16 | Mugwort pollen                    |
| 17 | Sorrel pollen                     |
| 18 | Acarus siro                       |
| 19 | Tyrophagus                        |
| 20 | Flea [Ctenoceph.]                 |

Felis 20 

|    |                                   |
|----|-----------------------------------|
| 01 | D. farinae                        |
| 02 | D. pteronyssinus                  |
| 03 | Malassezia                        |
| 04 | Lepidoglyphus                     |
| 05 | Aspergillus / Penicillium         |
| 06 | Alternaria / Cladosporium         |
| 07 | Ragweed (Ambrosia) pollen         |
| 08 | Birch / Alder / Hazel pollen      |
| 09 | Plantane / Willow / Poplar pollen |
| 10 | Wall Pellitory pollen             |
| 11 | Rye pollen                        |
| 12 | 6 Grass Mix <sup>1</sup>          |
| 13 | Stinging Nettle pollen            |
| 14 | Lambs Quarter pollen              |
| 15 | Plantain pollen                   |
| 16 | Mugwort pollen                    |
| 17 | Sorrel pollen                     |
| 18 | Acarus siro                       |
| 19 | Tyrophagus                        |
| 20 | Flea [Ctenoceph.]                 |



## Order Numbers

### Equus 20

|    |                                   |
|----|-----------------------------------|
| 01 | D. farinae                        |
| 02 | D. pteronyssinus                  |
| 03 | Lepidoglyphus                     |
| 04 | Aspergillus / Penicillium         |
| 05 | Thermoact. / Micropolyspora       |
| 06 | Ragweed (Ambrosia) pollen         |
| 07 | Birch / Alder / Hazel pollen      |
| 08 | Plantane / Willow / Poplar pollen |
| 09 | Rye pollen                        |
| 12 | 6 Grass Mix <sup>1</sup>          |
| 11 | Plantain pollen                   |
| 12 | Mugwort pollen                    |
| 13 | Rape pollen                       |
| 14 | Horse Fly (Tabanus)               |
| 15 | Biting Midges (Culicoides nub.)   |
| 16 | Mosquito                          |
| 17 | Black Fly (Simulium eq.)          |
| 18 | Stable Fly (Stomoxys cal.)        |
| 19 | Acarus siro                       |
| 20 | Tyrophagus                        |

#### Allergen Mix Explanation

##### <sup>1</sup> 6 Grass Mix

Cocksfoot pollen, Meadow Fescue pollen, Rye Grass pollen, Timothy Grass pollen, Kentucky Blue Grass pollen, Velvet Grass pollen

| Allergy Kits        | Colour | ID | 12-Kit No. | 24-Kit No. | A-Kit No. |
|---------------------|--------|----|------------|------------|-----------|
| Inhalation 10-I     |        | 11 | -          | 05012102   | 05012112  |
| Inhalation 10-II    |        | 12 | -          | 05012202   | 05012212  |
| Inhalation 10-III   |        | 48 | -          | 05012105   | 05012115  |
| Inhalation 20-I     |        | 07 | -          | 05012002   | 05012022  |
| Inhalation 30-I     |        | 36 | -          | 05012092   | 05012093  |
| Food 10-III         |        | 46 | -          | 05012103   | -         |
| Food 10-IV          |        | 47 | -          | 05012104   | -         |
| Food 20-I           |        | 08 | -          | 05012001   | 05012021  |
| Food 30-I           |        | 37 | -          | 05012096   | 05012097  |
| Paediatric 20-I     |        | 09 | -          | 05012003   | 05012023  |
| Atopic 20-I         |        | 31 | -          | 05012019   | 05012024  |
| Atopic 30-I         |        | 49 | -          | 05012085   | 05012095  |
| Atopic 30-II        |        | 35 | -          | 05012090   | 05012091  |
| Korea I-Standard    |        | 15 | -          | 05012005   | 05012015  |
| Korea Standard 30   |        | 54 | -          | 05012070   | 05012071  |
| Korea II-Inhalation |        | 16 | -          | 05012006   | 05012016  |
| Korea Inhalation 30 |        | 55 | -          | 05012072   | 05012073  |
| Korea III-Food      |        | 17 | -          | 05012007   | 05012017  |
| Korea Food 30       |        | 56 | -          | 05012074   | 05012075  |
| Mediterran 20-I     |        | 33 | -          | 05012033   | -         |
| Mediterran 20-II    |        | 34 | -          | 05012034   | -         |
| Insects / CCD 6     |        | 50 | 05012314   | -          | -         |
| Milk plus Gluten 6  |        | 52 | 05012318   | -          | 05012307  |
| rBet v1/v2 plus 20  |        | 25 | -          | 05012009   | -         |
| Drugs 10            |        | 30 | 05012316   | 05012203   | 05012317  |
| RecPollen-IT        |        | 70 | 05012319   | -          | -         |

| Autoimmune Kits | Colour | ID | 12-Kit No. | 24-Kit No. | A-Kit No. |
|-----------------|--------|----|------------|------------|-----------|
| AI-STD          |        | 40 | 05012050   | 05012040   | 05012060  |
| AI-STD-X        |        | 44 | 05012054   | 05012044   | 05012064  |
| Rheuma          |        | 53 | 05012056   | 05012046   | 05012066  |
| Liver/Kidney    |        | 42 | 05012052   | 05012042   | 05012062  |
| Celiac IgG      |        | 43 | 05012053   | 05012043   | 05012063  |
| Celiac IgA      |        | 45 | 05012055   | 05012045   | 05012065  |
| Myositis        |        | 41 | 05012051   | 05012041   | 05012061  |

| Veterinary Kits | Colour | ID | 12-Kit No. | 24-Kit No. | A-Kit No. |
|-----------------|--------|----|------------|------------|-----------|
| Canis 20        |        | 61 | 05011015   | 05011012   | -         |
| Felis 20        |        | 62 | 05011014   | 05011013   | -         |
| Equus 20        |        | 63 | 05011024   | 05011022   | -         |

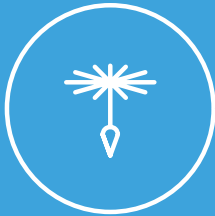
**Our Packaging Units – 12-Kit:** 1 microtiter plate with 12 tests each, **24-Kit:** 2 microtiter plates with 12 tests each, **A-Kit:** for testing with the automat

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