

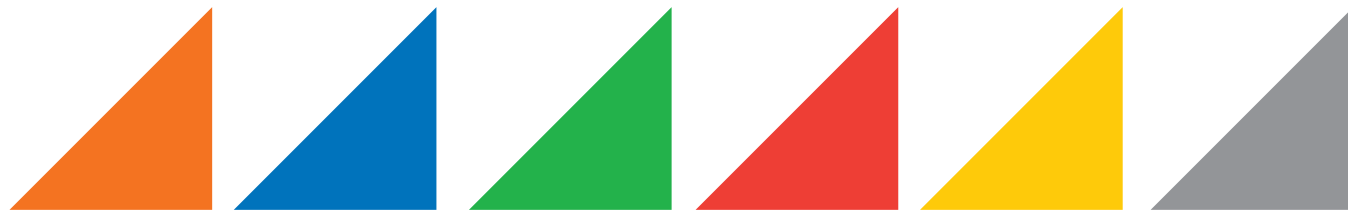
# PRODUCT CATALOG

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**DR** | **FOOKE**

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## Content

Company Profile	4
<b>Allergy <i>in-vitro</i> Diagnostics</b>	
<b>Diagnostics for the IgE mediated Type I reaction (Immediate reaction)</b>	6
Enzyme-Immuno-Assays on microtiterplates with allergens on discs for manual test procedure	6
Enzyme-Immuno-Assays with biotinylated allergens for manual or fully automated test procedure	7
Enzyme-Immuno-Assays, allergen-coated microtiterstrips for manual test procedure	8
Total IgE, Enzyme-Immuno-Assays for manual or fully automated test procedure	9
<b>Diagnostics for the IgG mediated Type 3 reaction (delayed reaction; precipitating antibodies)</b>	10
Specific IgG, Enzyme-Immuno-Assays, antigen-coated microtiter strips	10
Specific IgG4, Enzyme-Immuno-Assays, allergen-coated microtiterstrip version	11
<b>Autoimmune <i>in-vitro</i> Diagnostics</b>	12
Enzyme-Immuno-Assays for manual or fully automated test procedure	12
<b>POC (Point of Care) Diagnostics</b>	14
Allergy Lateral Flow Assay (ALFA), Rapid Test for the determination of specific IgE Allergy Lateral Flow Assay (ALFA), Rapid Test for the determination of total IgE	14
Autoimmune Lateral Flow Assays (AI-LFAs), Rapid Tests for the determination of specific IgG-autoantibodies	15
<b>Food Intolerance Diagnostics</b>	16
Enzyme-Immuno-Assays, allergen-coated microtiterstrips	16
<b>Systems and Instruments</b>	17
ALLERG-O-LIQ System 2 Plates	
ALLERG-O-LIQ System 4 Plates	
ALLERG-O-SYSTEM	
LFA Reader	17
ALLERG-O-WIN Software	17



Since more than **26 years** Dr. Fooke Laboratories are dedicated to developing, producing and distributing modern and innovative tests for in-vitro allergy and autoimmune diagnostics. Advanced in-vitro allergy and autoimmune test systems are the result of our developments leading to a product line that offers almost every user a custom tailored solution exactly matching his needs.

As a **middle-sized company**, we are still free to respond fast, flexibly and individually to you, our customer. We stay at your service, ready to answer any technical or theoretical question concerning immunology, allergy and autoimmune diagnosis and develop new concepts and solutions together with you. Because by giving you this best imaginable service we also gain your practical and precious inputs to stimulate our R & D work. Our customers are more to us than merely customers, and we want to be much more than just a supplier to you!

Our **team** of highly qualified professionals such as biologists, bioengineers and medical device consultants take care of the continuous advancement and optimization of our product range and are available for any questions. Whether it concerns a product demonstration in your lab, practical or theoretical question, we are there for you.

### What do you expect from modern allergy diagnostics?

Reliable measurement of specific IgE with clinical relevance!

Our ALLERG-O-LIQ-System - as a reversed assay - determines reliably and quantitatively with high sensitivity just simply allergen specific IgE. With our rapid test ALFA - Allergy Lateral Flow Assay - we offer you a 15-20 minute first line screening test for allergen specific IgE or Total IgE. With the addition of recombinant allergens more detailed information about sensitization patterns and treatment concepts of patients can be provided.

### What is essential for excellent autoimmune diagnostics?

The selection of the best antigens dictates the quality!

The combination of synthetic peptides of the latest generation and the best recombinant antigens as well as an intelligent test design guarantees highest reliability and precision for the diagnostics. Our rapid tests AI-LFAs - Autoimmune Lateral Flow Assays - enables the user to perform a specific autoimmune test very fast and reliable.

We believe that a product is only as good as its **practicability**.

You are the benchmark. We targeted our product development on your requirements, demands and perceptions. That is why our allergy and autoimmune tests fit so easily into your everyday work routines.

Our solutions are as individual as your expectations.

**We have an open system, open ears and an open mind for you!**

**Allergy *in-vitro* Diagnostics**  
**Diagnostics for the IgE mediated Type 1 reaction (immediate reaction)**

**Specific IgE, Enzyme -Immuno -Assays on microtiterplates with allergens on discs for manual test procedure**

	Product description	Pack size
0540200PKL 0541000PKL	<b>Specific IgE EAST – Conjugate Kit</b> <b>Specific IgE EAST – Conjugate Kit</b> Enzyme-Immuno-Assay for the quantitative determination of specific IgE in human serum or plasma with allergen-coupled discs Test system for the use with 4-point Calibration System [REF] 074000PQ Content: - anti-IgE-AP-Conjugate - Washing Buffer Concentrate - pNPP-Substrate Tablets - Substrate Buffer - Stop Solution available allergens: see current list of allergens	<b>200 Det.</b> <b>1000 Det.</b>
074000PQ	<b>Quantitative Reference System with 4 calibrators</b> (0.35-17.5 IU/mL), WHO 75/502 calibrated for 6 standard curves in double determination including 50 reference discs	<b>6 curves</b>
0560200PKL 0561000PKL	<b>Specific IgE EAST – Conjugate Kit</b> <b>Specific IgE EAST – Conjugate Kit</b> Enzyme-Immuno-Assay for the quantitative determination of specific IgE in human serum or plasma with allergen-coupled discs Test system for the use with 6-point Calibration System [REF] 076000PQ Content: see [REF] 0540200PKL/0541000PKL available allergens: see current list of allergens	<b>200 Det.</b> <b>1000 Det.</b>
076000PQ	<b>Quantitative Reference System with 6 calibrators</b> (0.35-100 IU/mL), WHO 75/502 calibrated for 6 standard curves in double determination including 75 reference discs	<b>6 curves</b>
<b>Allergens Code</b>	<b>Single allergens, allergen mixes</b> available in 3 packing sizes (5, 10, 25 discs) available allergens: see current list of allergens	
g / t / w	single allergens of grasses and corn, trees, weeds and flowers	
b / d / e / f / i / c	single allergens of occupational allergens, mites, animal allergens, foods, insect venoms, drugs	
k / m / o / s	single allergens of occupational allergens, molds, further allergens, spices	
x	allergen mixes	
07001	<b>POSITIVE Control for specific IgE</b>	<b>0.5 mL</b>
07002	<b>NEGATIVE Control for specific IgE</b>	<b>0.5 mL</b>

**Specific IgE, Enzyme -Immuno -Assays with biotinylated allergens for manual or fully automated test procedure**

	Product description	Pack size
0520960FL 0524800FL	<b>Specific IgE REAST – Conjugate Kit</b> Reverse-Enzyme-Immuno-Assay for the quantitative determination of specific IgE with biotinylated Allergens in human serum or plasma Test system for the use with 6-point Calibration System [REF] 07050FL Content: - anti-IgE coated microtiter plate(s) - Streptavidin-HRP-Conjugate - Washing Buffer Concentrate - TMB Substrate - Stop Solution available allergens: see current list of allergens	<b>96 Det.</b> <b>480 Det.</b>
07050FL	<b>Quantitative Reference System with 6 calibrators</b> (0.35-100 IU/mL), WHO 75/502 calibrated for 5 standard curves in double determination including anti-IgE Biotin	<b>5 curves</b>
<b>Allergen Code - FL</b>	<b>Single allergens, allergen mixes</b> Standard package unit: 1 vial with 2.8 mL for 20 determinations available allergens: see current list of allergens	<b>20 Det.</b>
g / t / w	single allergens of grasses and corn, trees, weeds and flowers	
b / d / e / f / i / c	single allergens of occupational allergens, mites, animal allergens, foods, insect venoms, drugs	
k / m / o / s	single allergens of occupational allergens, molds, further allergens, spices	
x	allergen mixes	
r / n	recombinant or native allergens	
07005	<b>POSITIVE Control for specific IgE</b>	<b>1.0 mL</b>
07006	<b>NEGATIVE Control for specific IgE</b>	<b>1.0 mL</b>

**Specific IgE, Enzyme - Immuno - Assays with allergen - coated microtiterstrips for manual test procedure**

	Product description	Pack size
10108E 10107E 10102E	<p><b>Specific IgE ELISA – Conjugate Kit</b> Enzyme-Immuno-Assay for the quantitative determination of specific IgE in human serum or plasma Content: - anti-IgE Conjugate - Dilution Buffer - Washing Buffer Concentrate - Substrate Buffer - Stop Solution available allergens: see current list of allergens</p>	<p><b>96 Det.</b> <b>192 Det.</b> <b>960 Det.</b></p>
12050E	<p><b>Quantitative Reference system with 4 calibrators</b> (0.35-17.5 U/mL) for 3 standard curves in double determination including 5 microtiterstrips, Control low and high for the use with <a href="#">REF</a> 10108E, 10107E, 10102E</p>	<b>3 curves</b>
<b>Allergens 13 - Code - G</b>	<p><b>Allergen - coated microtiterstrips (breakable) for the quantitative determination of specific IgE</b> for the use with <a href="#">REF</a> 10108E, 10107E, 10102E available allergens: see current list of allergens</p>	<b>1 x 8 wells</b>
g / t / w	single allergens of grasses and corn, trees, weeds and flowers	
b / d / e / f / i / c	single allergens of occupational allergens, mites, animal allergens, foods, insect venoms, drugs	
k / m / o / s	single allergens of occupational allergens, molds, further allergens, spices	
x	allergen mixes	

**Total IgE, Enzyme - Immuno - Assays for manual or fully automated test procedure**

	Product description	Pack size
08101FL	<p><b>Total IgE ALLERG - O - LIQ</b> Enzyme-Immuno-Assay for the quantitative determination of Total IgE in human serum or plasma Measuring range 5-1000 IU/mL, WHO 75/502 calibrated IgE Controls low and high Content: - anti-IgE coated microtiterplates - anti-IgE Biotin - Streptavidin-HRP-Conjugate - Dilution Buffer - Washing Buffer Concentrate - TMB Substrate - Stop Solution - 6 Calibrators - 2 Controls</p>	<b>96 Det.</b>
08102CP	<p><b>Total IgE - HRP EIA</b> Enzyme-Immuno-Assay for the quantitative determination of Total IgE in human serum or plasma Measuring range 5-1000 IU/mL, WHO 75/502 calibrated IgE Controls low and high Content: - anti-IgE coated microtiterplates - anti-IgE-HRP-Conjugate - Dilution Buffer - Washing Buffer Concentrate - TMB Substrate - Stop Solution - 6 Calibrators - 2 Controls</p>	<b>96 Det.</b>

**Diagnostics for the IgG mediated Type 3 reaction  
(delayed reaction; precipitating antibodies)**

**Specific IgG, Enzyme-Immuno-Assays with antigen-coated microtiterstrips**

**Product description**

Pack size

<b>10100PG</b>	<b>Specific IgG ELISA – Conjugate Kit</b> Enzyme-Immuno-Assay for the quantitative determination of specific IgG in human serum or plasma Content: - anti-IgG-AP Conjugate - Dilution Buffer - Washing Buffer Concentrate - pNPP-Substrate Tablets - Substrate Buffer - Stop Solution available allergens: see current list of allergens	<b>96 Det.</b>
<b>12001PG</b>	<b>Quantitative Reference system with 5 calibrators</b> (0.25-25 U/mL) for 3 standard curves in double determination including 6 microtiterstrips, Control low and high for the use with <a href="#">REF</a> 10100PG	<b>3 curves</b>
<b>Allergens 13-Code-G</b>	<b>Allergen-coated microtiterstrips (breakable) for the quantitative determination of specific IgG</b> for the use with <a href="#">REF</a> 10100PG available allergens: see current list of allergens	<b>1 x 8 wells</b>
g / t / w	single allergens of grasses and corn, trees, weeds and flowers	
b / d / e / f / i / c	single allergens of occupational allergens, mites, animal allergens, foods, insect venoms, drugs	
k / m / o / s	single allergens of occupational allergens, molds, further allergens, spices	
x	allergen mixes	

**Specific IgG4, Enzyme-Immuno-Assays with allergen-coated microtiterstrips**

**Product description**

Pack size

<b>10104PG</b>	<b>Specific IgG4 ELISA – Conjugate Kit</b> Enzyme-Immuno-Assay for the quantitative determination of specific IgG4 in human serum or plasma Content: - anti-IgG4-HRP Conjugate - Dilution Buffer - Washing Buffer Concentrate - TMB Substrate - Stop Solution available allergens: see current list of allergens	<b>96 Det.</b>
<b>12004PG</b>	<b>Quantitative Reference system with 4 calibrators</b> (100-2500 U/mL) for 4 standard curves in double determination including 6 microtiterstrips, Control low and high for the use with <a href="#">REF</a> 10104PG	<b>4 curves</b>
<b>Allergens 13-Code-G</b>	<b>Allergen-coated microtiterstrips (breakable) for the quantitative determination of specific IgG4</b> for the use with <a href="#">REF</a> 10104PG available allergens: see current list of allergens	<b>1 x 8 wells</b>
g / t / w	single allergens of grasses and corn, trees, weeds and flowers	
b / d / e / f / i / c	single allergens of occupational allergens, mites, animal allergens, foods, insect venoms, drugs	
k / m / o / s	single allergens of occupational allergens, molds, further allergens, spices	
x	allergen mixes	

**Autoimmune *in-vitro* Diagnostics**  
**Diagnostics for rheumatic autoimmune diseases**

**Enzyme - Immuno - Assays for manual or fully automated test procedure**

	<b>Product description</b>	<b>Pack size</b>
<b>25001</b>	<b>PM1 - Alpha ELISA</b> Enzyme-Immuno-Assay for the semi-quantitative determination of anti-PM1-Alpha antibodies in human serum or plasma Content: - Microtiter strips - anti-IgG-HRP-Conjugate - Washing Buffer Concentrate - Dilution Buffer - TMB Substrate - Stop Solution - Calibrator - Positive control - Negative control	<b>96 Det.</b>
<b>25002</b>	<b>Ribosomal P ELISA</b> Enzyme-Immuno-Assay for the semi-quantitative determination of anti-Ribosomal P antibodies in human serum or plasma Content: see <a href="#">REF</a> 25001	<b>96 Det.</b>
<b>25003</b>	<b>Scl-70 ELISA</b> Enzyme-Immuno-Assay for the semi-quantitative determination of anti-Scl-70 antibodies in human serum or plasma Content: see <a href="#">REF</a> 25001	<b>96 Det.</b>
<b>25004</b>	<b>CENP - B ELISA</b> Enzyme-Immuno-Assay for the semi-quantitative determination of anti-CENP antibodies in human serum or plasma Content: see <a href="#">REF</a> 25001	<b>96 Det.</b>
<b>25005</b>	<b>dsDNA ELISA</b> Enzyme-Immuno-Assay for the semi-quantitative determination of anti-dsDNA antibodies in human serum or plasma Content: see <a href="#">REF</a> 25001	<b>96 Det.</b>
<b>25006</b>	<b>Ro52 ELISA</b> Enzyme-Immuno-Assay for the semi-quantitative determination of anti-Ro52 antibodies in human serum or plasma Content: see <a href="#">REF</a> 25001	<b>96 Det.</b>
<b>25007</b>	<b>Ro60 (SS - A) ELISA</b> Enzyme-Immuno-Assay for the semi-quantitative determination of anti-Ro60 antibodies in human serum or plasma Content: see <a href="#">REF</a> 25001	<b>96 Det.</b>
<b>25008</b>	<b>La (SS - B) ELISA</b> Enzyme-Immuno-Assay for the semi-quantitative determination of anti-La antibodies in human serum or plasma Content: see <a href="#">REF</a> 25001	<b>96 Det.</b>
<b>25009</b>	<b>Jo - 1 ELISA</b> Enzyme-Immuno-Assay for the semi-quantitative determination of anti-Jo-1 antibodies in human serum or plasma Content: see <a href="#">REF</a> 25001	<b>96 Det.</b>

**Enzyme - Immuno - Assays for manual or fully automated test procedure**

	<b>Product description</b>	<b>Pack size</b>
<b>25010</b>	<b>Sm ELISA</b> Enzyme-Immuno-Assay for the semi-quantitative determination of anti-Sm antibodies in human serum or plasma Content: see <a href="#">REF</a> 25001	<b>96 Det.</b>
<b>25011</b>	<b>RNP/Sm ELISA</b> Enzyme-Immuno-Assay for the semi-quantitative determination of anti-RNP/Sm antibodies in human serum or plasma Content: see <a href="#">REF</a> 25001	<b>96 Det.</b>
<b>25012</b>	<b>ANA Screen ELISA</b> Enzyme-Immuno-Assay for the semi-quantitative determination of anti-nuclear antibodies in human serum or plasma Antigens: dsDNA, Ro52, Ro60, La (SS-B), RNP/Sm, Sm, Jo-1, Scl-70, CENP, PM1-Alpha Content: see <a href="#">REF</a> 25001	<b>96 Det.</b>
<b>25019</b>	<b>SLE Profil 4 ELISA</b> Enzyme-Immuno-Assay for the semi-quantitative determination of 4 SLE associated antibodies in human serum or plasma Antigens: dsDNA, Sm, RNP/Sm, Rib-P Content: see <a href="#">REF</a> 25001	<b>96 Det.</b>
<b>25021</b>	<b>SLE Profil 6 ELISA</b> Enzyme-Immuno-Assay for the semi-quantitative determination of 6 SLE associated antibodies in human serum or plasma Antigens: dsDNA, Sm, RNP/Sm, Rib-P, Ro52, La (SS-B) Content: see <a href="#">REF</a> 25001	<b>96 Det.</b>
<b>25023</b>	<b>ENA Profil 8 ELISA</b> Enzyme-Immuno-Assay for the semi-quantitative determination of autoantibodies to extractable nuclear antigens (ENA) in human serum or plasma Antigens: dsDNA, RNP/Sm, Sm, Ro52, La (SS-B), Scl-70, CENP-B, Jo-1 Content: see <a href="#">REF</a> 25001	<b>96 Det.</b>
<b>25024</b>	<b>CENP - A ELISA</b> Enzyme-Immuno-Assay for the semi-quantitative determination of anti-CENP-A antibodies in human serum or plasma Content: see <a href="#">REF</a> 25001	<b>96 Det.</b>



**POC (Point of Care) Diagnostics**  
**Rapid tests for the IgE mediated Type 1 reaction (immediate reaction)**  
**and specific IgG - autoantibodies for autoimmune diseases**  
**Allergy Lateral Flow Assay (ALFA), Rapid test for the**  
**determination of specific IgE and total IgE**

	Product description	Pack size
180001/ 1800010	<b>ALFA Basis Set (single cassette)</b> Package: 1 Test Unit <b>ALFA Basis Set (single cassette)</b> Package: 20 Test Units Rapid test for the qualitative determination of allergen specific IgE in human serum, plasma or whole blood Content: - Test Unit/-s (ready to use) Material to be ordered separately: - ALFA allergen solutions (please see current list of ALFA allergens)	1 Det. 20 Det.
184001/ 184000	<b>ALFA Basis Set (eight - strip cassette)</b> Package: 1 Test Unit <b>ALFA Basis Set (eight - strip cassette)</b> Package: 10 Test Units Rapid test for the qualitative determination of allergen specific IgE in human serum, plasma or whole blood Content: -Test Unit/-s (ready to use) Material to be ordered separately: - ALFA allergen solutions (please see current list of ALFA allergens)	8 Det. 80 Det.
<b>Allergens 18 - Code</b>	<b>Single allergens, allergen mixes</b> Single allergens: 1 vial with 1.0 mL Allergen mixes: 1 vial with 2.0 mL available allergens: please see current list of ALFA allergens	10 Det. 20 Det.
g / t / w	single allergens of grasses and corn, trees, weeds and flowers	
d / e / f / i	single allergens of mites, animals, foods, insect venoms	
m	single allergens of molds	
x	allergen mixes	
r / n	recombinant or native allergens	
183000	<b>ALFA Total IgE Kit (single cassette)</b> Package: 20 Test Units Rapid test for the qualitative determination of Total IgE in human serum or plasma Content: - 20 Test Units ALFA Total IgE Basis Set (ready to use) - ALFA anti-IgE Solution 2.0 mL for 20 determinations - Evaluation Card	20 Det.

**Autoimmune Lateral Flow Assays (AI-LFAs), Rapid tests**  
**for the determination of specific IgG - autoantibodies**

	Product description	Pack size
186025	<b>AI - LFA PR3</b> Rapid assay for the qualitative determination of anti-Proteinase 3 (Pr3) IgG auto-antibodies in human serum or plasma. Content: - Test Unit/-s (ready to use) single-strip cassettes - Antigen solution Pr3	10 Det.
186026	<b>AI - LFA MPO</b> Rapid assay for the qualitative determination of anti-Myeloperoxidase (MPO) IgG auto-antibodies in human serum or plasma. Content: - Test Unit/-s (ready to use) single-strip cassettes - Antigen solution MPO	10 Det.
186027	<b>AI - LFA GBM</b> Rapid assay for the qualitative determination of anti-glomerular basement membrane (GBM) IgG auto-antibodies in human serum or plasma. Content: - Test Unit/-s (ready to use) single-strip cassettes - Antigen solution GBM	10 Det.
186028	<b>AI - LFA dsDNA</b> Rapid assay for the qualitative determination of anti-dsDNA IgG auto-antibodies in human serum or plasma. Content: - Test Unit/-s (ready to use) single-strip cassettes - Conjugate solution	10 Det.



## Food Intolerance Diagnostics

### Specific IgG4, Enzyme-Immuno-Assays with antigen-coated microtiterstrips and plates

#### Product description

	Product description	Pack size
10106PG 10105PG 101010PG	<b>Specific IgG4 ELISA – Conjugate Kit</b> Enzyme-Immuno-Assay for the quantitative determination of specific IgG4 to food allergens in human serum or plasma Content: - anti-IgG4 Conjugate - Dilution Buffer - Washing Buffer Concentrate - Substrate Buffer - Stop Solution available allergens: see current list of allergens and antigen-coated plates	<b>96 Det.</b> <b>192 Det.</b> <b>960 Det.</b>
12040-G4	<b>Quantitative Reference system with 7 calibrators</b> (25-2500 U/mL) for 3 standard curves in double determination including 5 microtiterstrips, Control low and high for the use with <a href="#">REF</a> 10106PG, 10105PG, 101010PG	<b>3 curves</b>
13010-N11 13020-N12 13030-B	<b>Antigen-coated microtiterplates for the quantitative determination of specific IgG4 to food allergens</b> for the use with <a href="#">REF</a> 10106PG, 10105PG, 101010PG available plates: see current list of plates	<b>96 foods</b> <b>96 foods</b> <b>96 foods</b>

Further plates on request

## Optional: Systems and Instruments

#### ALLERG-O-LIQ System

fully automated 2 plate Walk-Away-System for allergy in-vitro diagnosis with biotinylated allergens and open platform for ELISA tests, exclusive PC and Printer

#### Specifications:

- Quantitative determination of specific IgE and Total IgE in one test-run
- 6 point calibration (WHO 75/502 calibrated)
- Up to 186 determinations per test-run
- Flexible set-up

#### ALLERG-O-LIQ System

fully automated 4 plate Walk-Away-System for allergy in-vitro diagnosis with biotinylated allergens and open platform for ELISA tests, exclusive PC and Printer

#### Specifications:

- Quantitative determination of specific IgE and Total IgE in one test-run
- 6 point calibration (WHO 75/502 calibrated)
- Up to 368 determinations per test-run
- Flexible set-up

#### ALLERG-O-SYSTEM

Manual test procedure  
Modular system for allergy in-vitro diagnosis

#### Specifications:

- ALLERG-O-SYSTEM including reader, washer, light table (optional)
- Quantitative determination of specific IgE, IgG, IgG4 and Total IgE
- 4 or 6 point calibration (WHO 75/502 calibrated) for specific IgE
- Up to 800 determinations per day
- Optimized for the use with panels

#### LFA Reader

Reading device for quantitative determination of Lateral Flow Assays with integrated Barcode-Scanner

#### Software

ALLERG-O-WIN Software

#### Management Software for:

- calculation of specific IgE-, Total IgE-, IgG- and IgG4-values
- appraisal
- printing of the findings as an single finding or a finding list
- management of the allergens
- management of the patients
- management of the findings





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