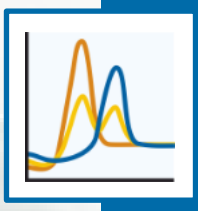
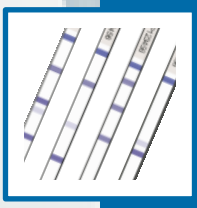
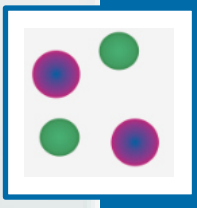
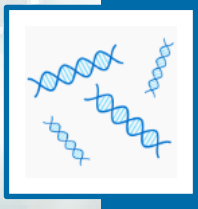
molekulare Diagnostika GmbH









CATALOGUE

2024

Focussed on quality and customer service since 1997

Attomol - producer of medical diagnostics between Berlin and Dresden

Attomol is a steadily growing, owner-managed company with regional roots in the Lausitz region of Brandenburg and currently employs over 30 highly qualified staff.

For over two decades, our company has been a **developer**, **manufacturer** and **distributor** of diagnostic products for laboratory medicine. Our products always serve you as reliable tools in your daily work processes. Fundamental technologies are patented by us. The focus of our work lies in the areas of:

- Detection of mutations using allele-specific PCR and real-time PCR
- Strip tests for the detection of autoantibodies
- Multiplex bead assays for the detection of autoantibodies.

The face of our company is characterised by a highly competent and motivated team, which has accompanied Attomol for years on the one hand, but also continues to develop on the other. We are therefore able to provide our customers with robust and reliable test systems and also offer them expert support in working with our products. Last but not least, it is a matter of course for us to provide our customers **with well-founded and quick advice**.

In order to guarantee the **quality** of our products, we work according to a strict quality management system, certified according to EN ISO 13485: 2016. Since our products are subjected to internal and external performance evaluations within the framework of the CE marking process and are regularly checked in round-srobin tests, the requirements for quality-assured and documented production as well as sustainable quality assurance have been created. We continue to endeavour to keep all molecular genetic products IVDR-compliant on the market.

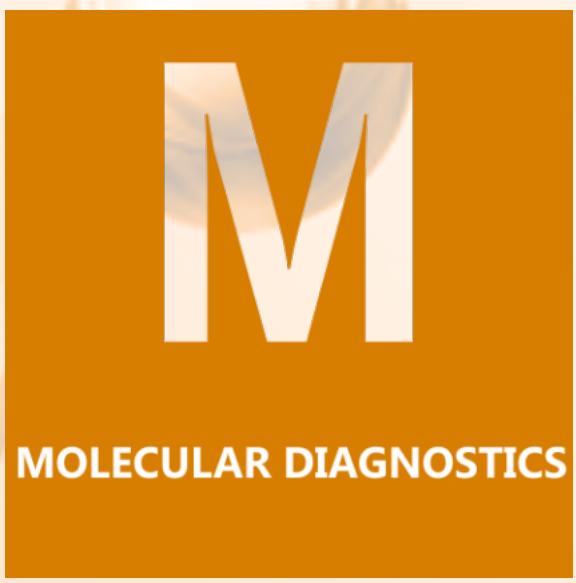
In addition, we are working on the **development** of new tests in order to constantly expand our range of products in line with demand. In research and development, we cooperate closely with our partners in the BioResponse e.V. research association. In particular, this includes the Brandenburg University of Technology Cottbus-Senftenberg. In addition, we cooperate with various institutes of the Technical University of Dresden and the Charité Berlin. We are grateful for the networking with numerous companies, institutes and research facilities through our membership in DiagnostikNet-BB e.V..

You are interested in a meet up?

Please do not hesitate to contact us. We are always happy to meet our customers and partners in person. You are, of course, welcome to visit us in the south of Brandenburg.

Kind regards from Germany

Your Attomol team


M
MOLECULAR DIAGNOSTICS

MOLECULAR DIAGNOSTICS

MOLECULAR GENETICS

NUCLEIC ACID EXTRACTION

Mutation Assays

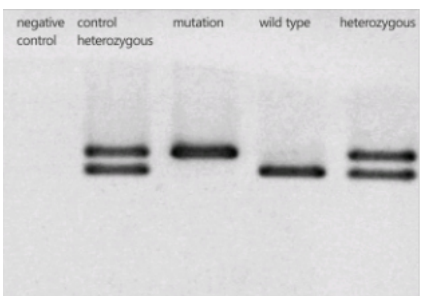
Quicktype

By the use of our well-established Quicktype mutation assays samples can be analyzed for genetic polymorphisms in a fast and user-friendly way.
Our assays find the application in routine diagnostics for thrombophilia, metabolism, immunogenetics and pharmacogenetics.

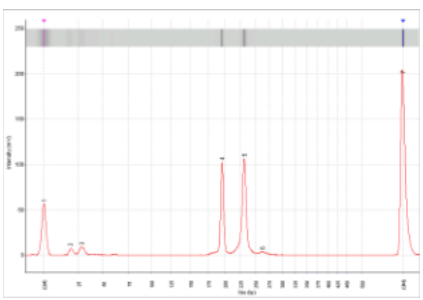
TEST PRINCIPLE

To differentiate genotypes our Quicktype assays use an allele-specific PCR with integrated probe hybridization. The separation of amplification products is performed directly after the PCR without any additional incubation steps either by agarose gel electrophoresis or by automatic capillary electrophoresis. The resulting band pattern reveals the genotype of the patients sample. A low-molecular PCR product shows the wild type allele, a higher-molecular PCR product shows the mutated allele.

EVALUATION



Evaluation via classic gel documentation



Evaluation via automated capillary electrophoresis

FEATURES

- **Capable and reliable assays for the identification of polymorphisms in human diagnostics**
- **Ease of use**
- **Manual and automatic evaluation possible**

Required devices:

- Standard thermal cycler
- Gel electrophoresis or capillary electrophoresis system

Quicktype

THROMBOPHILIA

REF	Name	Description
1012	attomol® Factor II 20210G>A Quicktype CE	Prothrombin mutation 40 reactions
1159	attomol® Factor II 19911A>G Quicktype CE	Prothrombin mutation 20 reactions
1013	attomol® Factor V Leiden Quicktype CE	Leiden mutation 1691G>A 40 reactions
1162	attomol® Factor V HR2 6755A>G Quicktype CE	20 reactions
1264	attomol® Factor XIII A1 Quicktype CE	Polymorphism rs2815822 20 reactions
1265	attomol® Factor XIII B Quicktype CE	Polymorphism rs12134960 20 reactions
1058	attomol® Factor XIII V34L Quicktype CE	20 reactions
1180	attomol® Fibrinogen alpha Quicktype CE	Polymorphism Thr312Ala 20 reactions
1263	attomol® Fibrinogen beta Quicktype CE	Polymorphism -455G>A 20 reactions
1206	attomol® Fibrinogen gamma Quicktype CE	Polymorphism 10034C>T 20 reactions
1160	attomol® FSAP Marburg I Quicktype CE	Polymorphism G511E 20 reactions
1014	attomol® MTHFR 677C>T Quicktype CE	Hyperhomocysteinaemia 40 reactions
1041	attomol® MTHFR 1298A>C Quicktype CE	Hyperhomocysteinaemia 20 reactions
1032	attomol® PAI-1 Quicktype CE	Plasminogen activator inhibitor 1 4G/5G polymorphism 20 reactions

METABOLISM

REF	Name	Description
1021	attomol® Apo E Quicktype CE	Apolipoprotein E; alleles E2/ E3/E4 (Codon 112, Codon 158) 2 x 10 reactions
1019	attomol® Haemochromatosis Quicktype CE	Mutations C282Y, H63D 2 x 20 reactions
1124	attomol® Lactose Intolerance -13910C>T Quicktype CE	40 reactions

IMMUNOGENETICS

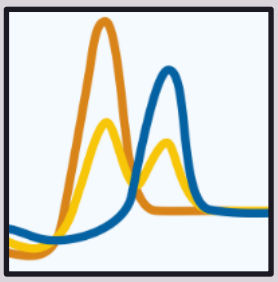
REF	Name	Description
1030	attomol® HLA-B*27 CE	Do not use for tissue typing! 40 reactions

PHARMACOGENETICS

REF	Name	Description
1050	attomol® GST P1 Quicktype CE	Polymorphism I105V 20 reactions
1051	attomol® GST M1/T1 Quicktype CE	Variations of deletion GST M1 and GST T1 20 reactions

Mutation Assays

Realtime LT



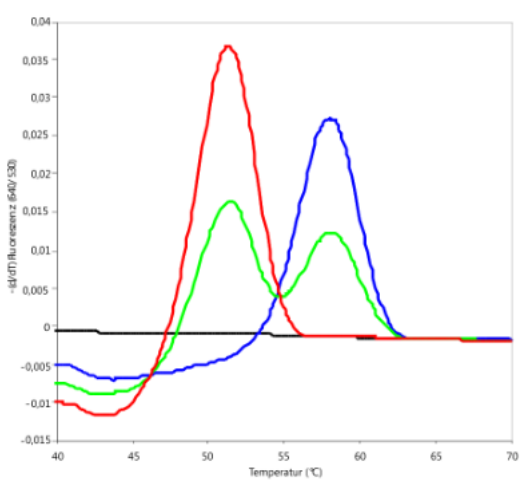
For the diagnostic fields of thrombophilia, metabolism and immunogenetics we offer Realtime LoopTag (LT) PCR assays for the detection of disease-related polymorphisms in the human genome. That quick and certain method assures the reliable genotyping of patient samples.
The tests of the product line Realtime LT are compatible with our nucleic acid extraction kit Attosorb (see on page 17).

TEST PRINCIPLE

After the isolation of DNA from patient's blood the target sequence is amplified within a single reaction mixture. The detection of amplification products is performed by the hybridization of specific LoopTag probes[1)]. The definite identification of the sample's genotype is made by a melting curve analysis after the amplification.

EVALUATION

Genotyping of patients samples by the analysis of the number and the position of the peaks in the melting curve diagram:



- Homozygous wild type (blue)
- Heterozygous (green)
- Homozygous mutation (red)

Required devices: LightCycler® LC1.x, LC2.0 oder LC480 (Roche)

[1)] Patent-No. EP2167685B1

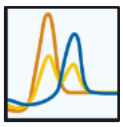
FEATURES

- **The same PCR protocol for all parameters (except HLA-B*27)**
- **Certain genotyping due to melting curve analysis**
- **Minimal time and work required**

THROMBOPHILIA

REF	Name	Description
1166	attomol® Factor II 20210G>A Realtime LT CE	Prothrombin mutation 40 reactions
1220	attomol® Factor II 20210G>A Realtime LT CE	Prothrombin mutation 160 reactions
1167	attomol® Factor V Leiden Realtime LT CE	Leiden mutation 1691G>A 40 reactions
1221	attomol® Factor V Leiden Realtime LT CE	Leiden mutation 1691G>A 160 reactions
1181	attomol® Factor II+V Duplex Realtime LT CE	Simultaneous detection of prothrombin 20210G>A and Leiden mutation 20 reactions
1228	attomol® Factor II+V Duplex Realtime LT CE	Simultaneous detection of prothrombin 20210G>A and Leiden mutation 100 reactions
1171	attomol® MTHFR 677C>T Realtime LT CE	Hyperhomocysteinaemia 40 reactions
1222	attomol® MTHFR 677C>T Realtime LT CE	Hyperhomocysteinaemia 160 reactions
1172	attomol® MTHFR 1298A>C Realtime LT CE	Hyperhomocysteinaemia 40 reactions
1229	attomol® MTHFR 1298A>C Realtime LT CE	Hyperhomocysteinaemia 160 reactions
1175	attomol® PAI-1 Realtime LT CE	Plasminogen activator inhibitor 1 4G/5G polymorphism 40 reactions
1230	attomol® PAI-1 Realtime LT CE	Plasminogen activator inhibitor 1 4G/5G polymorphism 160 reactions

Realtime LT



METABOLISM

REF	Name	Description
1188	attomol® Lactose Intolerance -13910C>T Realtime LT 2 CE	Differentiation of neighbouring polymorphisms 40 reactions
1224	attomol® Lactose Intolerance -13910C>T Realtime LT 2 CE	Differentiation of neighbouring polymorphisms 160 reactions
1186	attomol® Lactose Intolerance Duplex Realtime LT CE	Simultaneous detection of polymorphisms -13910C>T and -22018G>A 20 reactions
1234	attomol® Lactose Intolerance Duplex Realtime LT CE	Simultaneous detection of polymorphisms -13910C>T and -22018G>A 100 reactions
1182	attomol® Haemochromatosis Duplex Realtime LT CE	Simultaneous detection of mutations C282Y and H63D 20 reactions
1223	attomol® Haemochromatosis Duplex Realtime LT CE	Simultaneous detection of mutations C282Y and H63D 100 reactions

IMMUNOGENETICS

REF	Name	Description
1195	attomol® HLA-B*27 Realtime LT 2 CE	Do not use for tissue typing! 50 reactions
1196	attomol® HLA-B*27 Realtime LT 2 CE	Do not use for tissue typing! 100 reactions
1219	attomol® HLA-B*27 Realtime LT 2 CE	Do not use for tissue typing! 400 reactions

Mutation Assays

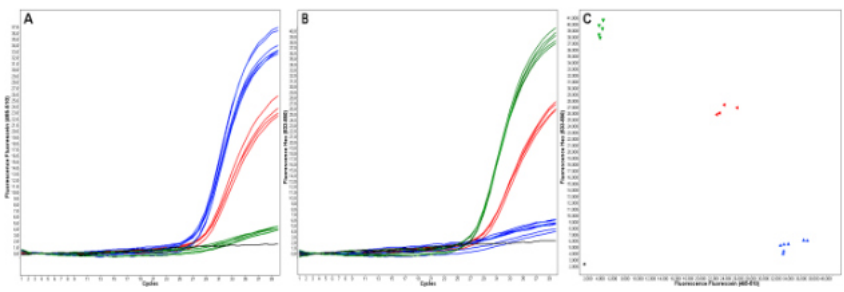
Realtime TM

For the detection of disease-related polymorphisms in the human genome in the diagnostic fields of thrombophilia, metabolism and immunogenetics we also offer real-time PCR assays based on TaqMan™ technology. That quick procedure assures reliable genotyping of patients samples on various devices. The tests of the product line Realtime TM are compatible with the nucleic acid extraction kit Attosorb (see on page 17).

TEST PRINCIPLE

After the isolation of DNA from patient's blood the target sequence is amplified within a single reaction mixture. The specific TM probe is degraded through the 5`-nuclease activity of the polymerase in each amplification cycle. The released fluorescent dyes can be detected in the corresponding channel of a real-time cycler. The evaluation is performed either by the direct analysis of amplification curves (Fig. A and B) or easily interpretable scatter plot (Fig. C).

EVALUATION



Genotyping of patient's samples by comparison of the amplification curves for the wild type allele (Fig. A) and for the mutated allele (Fig. B) or by grouping the results in the scatter plot (Fig. C).

- Homozygous wild type (blue)
- Heterozygous (red)
- Homozygous mutation (green)

Required devices: LightCycler® 480 (Roche), AriaMx (Agilent Technologies), Rotor-Gene® Q (Qiagen), CFX96™ (Bio-Rad), peqSTAR 96Q (VWR), Mx3005P (Agilent Technologies) or MIC (Biozym Scientific GmbH)

FEATURES

- **Same PCR protocol for all parameters**
- **Uncomplicated genotyping by scatter plots**
- **Minimal work and time required**
- **Wide device compatibility**

Realtime TM

THROMBOPHILIA

REF	Name		Description
1247	attomol® Factor II 20210G>A Realtime TM 2	CE	Prothrombin mutation 48 reactions
1248	attomol® Factor II 20210G>A Realtime TM 2	CE	Prothrombin mutation 96 reactions
1249	attomol® Factor V Leiden Realtime TM 2	CE	Leiden mutation 1691G>A 48 reactions
1250	attomol® Factor V Leiden Realtime TM 2	CE	Leiden mutation 1691G>A 96 reactions
1253	attomol® MTHFR 677C>T Realtime TM 2	CE	Hyperhomocysteinaemia 48 reactions
1254	attomol® MTHFR 677C>T Realtime TM 2	CE	Hyperhomocysteinaemia 96 reactions
1255	attomol® MTHFR 1298A>C Realtime TM 2	CE	Hyperhomocysteinaemia 48 reactions
1256	attomol® MTHFR 1298A>C Realtime TM 2	CE	Hyperhomocysteinaemia 96 reactions
1257	attomol® PAI-1 Realtime TM 2	CE	Plasminogen activator inhibitor 1 4G/5G polymorphism 48 reactions
1258	attomol® PAI-1 Realtime TM 2	CE	Plasminogen activator inhibitor 1 4G/5G polymorphism 96 reactions

METABOLISM

REF	Name		Description
1251	attomol® Lactose Intolerance -13910C>T Realtime TM 2	CE	48 reactions
1252	attomol® Lactose Intolerance -13910C>T Realtime TM 2	CE	96 reactions
1260	attomol® Haemochromatosis Realtime TM 2	CE	Mutations C282Y, H63D 2 x 48 reactions

IMMUNOGENETICS

REF	Name		Description
1235	attomol® HLA-B*27 Realtime TM 2	CE	Do not use for tissue typing! 48 reactions
1236	attomol® HLA-B*27 Realtime TM 2	CE	Do not use for tissue typing! 96 reactions
1259	attomol® Titanium Peri-Implantitis Realtime TM 2	CE	Polymorphisms IL-1A -889C>T, IL-1B +3954C>T, IL-1RN +2018T>C 3 x 48 reactions

Controls

THROMBOPHILIA

REF	Name	Matching REF
80	Positive Control Factor II 20210G>A heterozygous, 25 µl	1012, 1166, 1181, 1220, 1228, 1247, 1248
262	Positive Control Factor II 19911A>G heterozygous, 25 µl	1159
78	Positive Control Factor V Leiden heterozygous, 25 µl	1013, 1167, 1181, 1221, 1228, 1249, 1250
266	Positive Control Factor V HR2 6755A>G heterozygous, 25µl	1162
406	Positive Control Factor XIII A1 heterozygous, 25 µl	1264
408	Positive Control Factor XIII B heterozygous, 25 µl	1265
186	Positive Control Factor XIII V34L heterozygous, 25 µl	1058
300	Positive Control FGA Thr312Ala heterozygous, 25 µl	1180
404	Positive Control FGB -455G>A heterozygous, 25 µl	1263
345	Positive Control FGG 1034C>T heterozygous, 25 µl	1206
263	Positive Control FSAP Marburg I heterozygous, 25 µl	1160
82	Positive Control MTHFR 677C>T heterozygous, 25 µl	1014, 1171, 1222, 1253, 1254
144	Positive Control MTHFR 1298A>C heterozygous, 25 µl	1041, 1172, 1229, 1255, 1256
114	Positive Control PAI-1 4G/5G heterozygous, 25 µl	1032, 1175, 1230, 1257, 1258

Controls

METABOLISM

REF	Name	Matching REF
91	Positive Control Apo E Codon 112 heterozygous, 25 µl	1021
92	Positive Control Apo E Codon 158 heterozygous, 25 µl	1021
84	Positive Control HFE C282Y heterozygous, 25 µl	1019, 1182, 1223, 1260
85	Positive Control HFE H63D heterozygous, 25 µl	1019, 1182, 1223, 1260
160	Positive Control Lactose Intolerance -13910C>T heterozygous, 25 µl	1124, 1186, 1188, 1224, 1234, 1251, 1252
232	Positive Control Lactose Intolerance -22018G>A heterozygous, 25 µl	1186, 1234

IMMUNOGENETICS

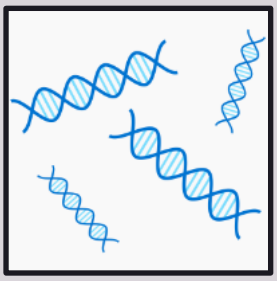
REF	Name	Matching REF
106	Positive Control HLA-B*27, 25 µl	1030, 1195, 1196, 1219, 1235, 1236
360	Positive Control IL-1A -889C>T heterozygous, 25 µl	1259
361	Positive Control IL-1B +3954C>T heterozygous, 25 µl	1259
362	Positive Control IL-1RN +2018T>C heterozygous, 25 µl	1259

PHARMACOGENETICS

REF	Name	Matching REF
182	Positive Control GST M1/T1, 25 µl	1051
183	Positive Control GST P1 heterozygous, 25 µl	1050

Nucleic acid extraction kits

Attosorb



Attosorb is a system for DNA purification, developed and patented[2)] by Attomol, in which the DNA of a blood sample of a patient binds directly to the cavity of a PCR microplate. In contrast to conventional DNA extraction systems, the molecular genetic detection through PCR is performed in the same cavity afterwards. Therefore this easy and time-saving procedure can only be used together with our tests of the attomol product lines **Realtime LT** and **Realtime TM** (see on pages 9 and following).

TEST PRINCIPLE

Coagulation inhibited whole blood is pipetted into a PCR microplate and is lysed afterwards. The DNA of the blood sample binds to the solid phase of the PCR microplate and the excess materials are washed out. The remaining liquid of the washing solution is dried after the last washing step to standardize the reaction conditions for the following PCR. Afterwards the PCR is performed in the same microplate.

REF	Name	Description
1226	attomol® Attosorb 96	96 reactions

Required devices: heating/cooling block

2) Patent-No. EP18192256.8

FEATURES

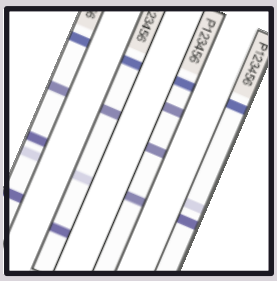
- **Quick DNA extraction directly in the plate**
- **Saving of additional reaction vessels**
- **Without centrifugation and magnet separation**
- **Compatible with all attomol® LT and TM kits**


IMMUNODIAGNOSTICS

IMMUNODIAGNOSTICS

LINEASSAY

BEADASSAY



Autoantibody

Lineassay

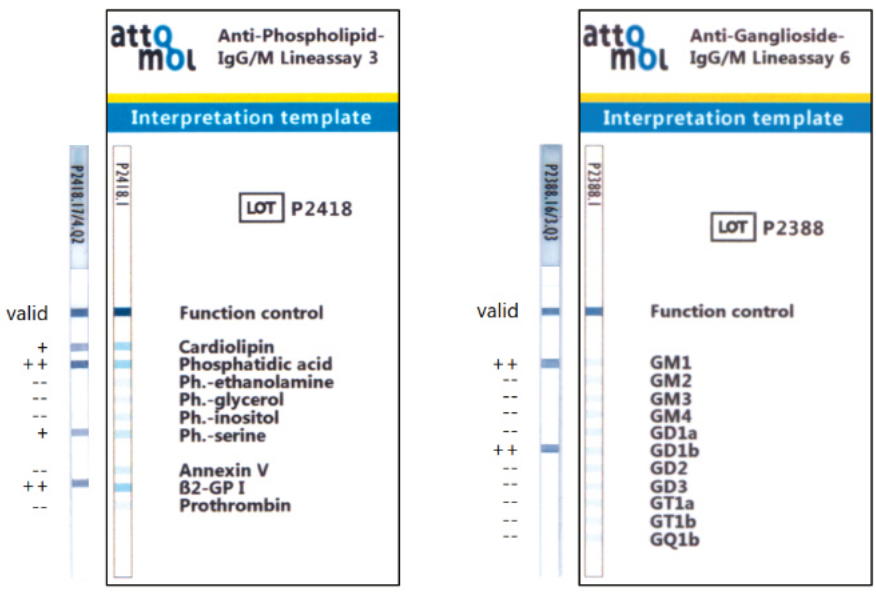
For the field of autoimmune diagnostics we offer our autoantibody Lineassays. With these multi-parameter assays human antibodies against gangliosides or phospholipids can be detected. The test strips are suitable for the determination of IgG or IgM antibodies.

TEST PRINCIPLE

Highly purified lipid antigens are immobilized on a special carrier membrane (test strip) and bind specific autoantibodies of patients' sera. The bound autoantibodies are finally detected by a peroxidase-labeled secondary antibody and become visible in an enzymatic colour reaction.

EVALUATION

The identification and interpretation of the strips are based on an interpretation template. The template shows the position and the cut-off value (functional control) for all parameters.



Samples of interpretation templates for evaluation and one analysed test strip in each case.

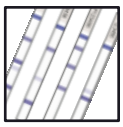
To process our Lineassay tests you don't need any devices exceeding a standard laboratory equipment.

FEATURES

- **Easy processing**
- **Multi-parameter assay**
- **High signal-noise ratio due to the specific membrane**
- **High specificity due to the preferential use of human antigens**

Autoantibody

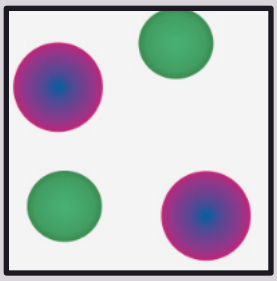
Lineassay



AUTOIMMUNE DIAGNOSTICS

REF	Name	Description
1176	attomol® Anti-Phospholipid-IgG/M Lineassay 3 CE	Anti-phospholipid antibodies parameters: cardiolipin, phosphatic acid, ph.[3]-ethanolamine, ph.-glycerol, ph.-inositol, ph.-serine, annexin V, β2-GP I, prothrombin Processing at room temperature 20 determinations
1189	attomol® Anti-Ganglioside-IgG/M Lineassay 6 CE	Anti-ganglioside antibodies parameters: GM1, GM2, GM3, GM4, GD1a, GD1b, GD2, GD3, GT1a, GT1b, GQ1b Processing at room temperature 20 determinations

[3] ph. = phosphatidyl



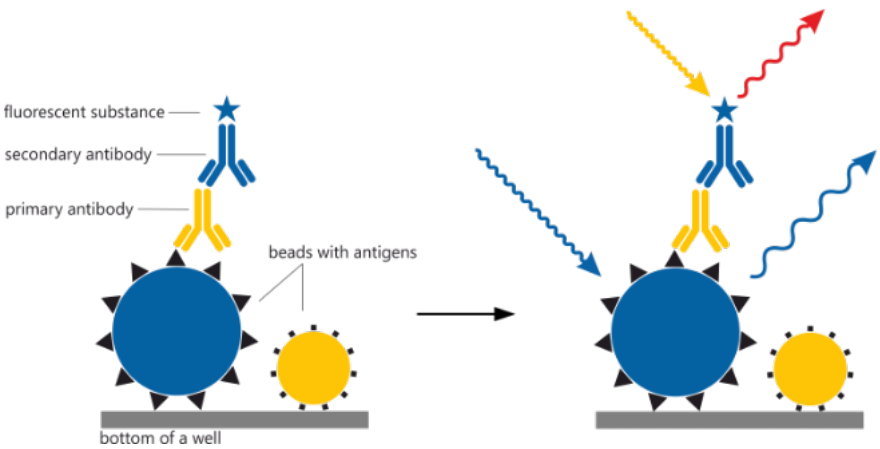
Antibody

Beadassay

The antibody Beadassay[4] was developed as a semiquantitative multi-parameter testing system for the simultaneous detection or differentiation of antibodies in patients sera. In comparison to line blots it is more precise, has a wider dynamic measuring range and can be automatically processed. The multi-parameter function of the microplate-based antibody Beadassay makes it possible to detect several analytes in one reaction vessel as well as to integrate various controls to increase test reliability and its precision.

TEST PRINCIPLE

The antibody Beadassay is a fluorescence-based assay. Specific antigens are bound at up to 18 size- and fluorescence-coded beads. The beads carrying antigens are permanently immobilized at the bottom of a well on a common 96-well microplate (12 modules, 8 wells each) adhering to the solid phase inbetween various steps of incubation. In case of positive samples the antibodies from the patient's serum bind to the relevant beads during the incubation. After the incubation with a secondary fluorescence-coded human specific antibody the fluorescent beads are measured with Caleidoscan 100. In consideration of the detected sizes and fluorescence of the beads the exact allocation of the antigens and the positive or negative determination takes place by



Test principle of Beadassay technology

FEATURES

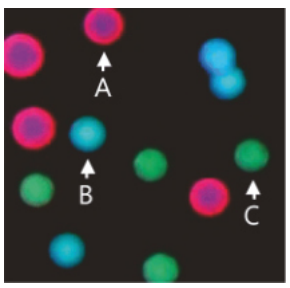
- **Integrated negative control for detection of unspecific serum binding**
- **Integrated function control to check the test function**
- **Integrated incubation control to verify correct sample incubation**

[4] Patent-No. EP3283879B1

Antibody

Beadassay

EVALUATION



A Beadpopulation 1 (red ring fluorescence) **with** bound antibodies
B Beadpopulation 2 (blue) **without** bound antibodies
C Beadpopulation 3 (green) **without** bound antibodies

Device Compatibility:

- Test processing: ELISA-machine or manual
- Test evaluation: Caleidoscan 100 with the software Caleidopro

Further information on Attomol's Caleidoscan 100 and Caleidopro can be found from page 28 onwards.
Test kits can be found on the following pages.

FEATURES

- **Semiquantitative multi-parameter technology in 96-well microplate format**
- **Fluorescence analytics with high precision**
- **High precision fluorescence analytics**
- **Applicable as screening and confirmation test**

AUTOANTIBODY - Multiplex

REF	Name	Description
1111	attomol® ANA-IgG Beadassay 1 *)	Antinuclear antibodies parameters: CENP-B, dsDNA, Jo-1, La/SS-B, RNP/Sm, Ro52/SS-A, Ro60/SS-A, Scl-70, Sm 96 determinations
1271	attomol® Anti-Rheumatism-IgG Beadassay 1 *)	Autoantibodies against different rheumatoid diseases
1306	attomol® Anti-CCP-IgG Beadassay 1 *)	Autoantibodies against different rheumatoid diseases: ß-chain Fibrin, Peptide 5, Peptide 6, Peptide 7, Filaggrin II, Fibrin b

AUTOANTIBODY- Singel parameter

REF	Name	Description
1295	attomol® Anti-CENP-B-IgG Beadassay 1 *)	Autoantibobies against CENP-B
1296	attomol® Anti-dsDNA-IgG Beadassay 1 *)	Autoantibobies against dsDNA
1297	attomol® Anti-Jo-1-IgG Beadassay 1 *)	Autoantibobies against Jo-1
1298	attomol® Anti-La/SS-B-IgG Beadassay 1 *)	Autoantibobiesagainst La/SS-B
1299	attomol® Anti-Ro52-IgG Beadassay 1 *)	Autoantibobies against Ro52
1300	attomol® Anti-Ro60-IgG Beadassay 1 *)	Autoantibobies against Ro60
1301	attomol® Anti-RNP/Sm-IgG Beadassay 1 *)	Autoantibobies against RNP/Sm
1302	attomol® Anti-Scl-70-IgG Beadassay 1 *)	Autoantibobies against Scl-70
1303	attomol® Anti-Sm-IgG Beadassay 1 *)	Autoantibobies against Sm

*) For Research Use Only

Antibody

Beadassay

PATHOGEN ANTIBODY

REF	Name	Description
1173	attomol® Anti-Borrelia-IgG Beadassay 1 *)	Anti-Borrelia antibodies parameters (various species): BmpA, DbpA, GlpQ, NapA, OspA, OspC, p28, p30, p45, p58, p100, VlsE 96 determinations
1174	attomol® Anti-Borrelia-IgM Beadassay 1 *)	Anti-Borrelia antibodies parameters (various species): BmpA, DbpA, GlpQ, NapA, OspA, OspC, p28, p30, p45, p58, p100, VlsE 96 determinations
1192	attomol® Anti-Yersinia-IgG Beadassay 1 *)	Anti-Yersinia antibodies parameters: YopB, YopD, YopE, YopH, YopM, YopN 96 determinations
1193	attomol® Anti-Yersinia-IgA Beadassay 1 *)	Anti-Yersinia antibodies parameters: YopB, YopD, YopE, YopH, YopM, YopN 96 determinations

*) For Research Use Only


D
Devices

DEVICES

IMAGE PROCESSING

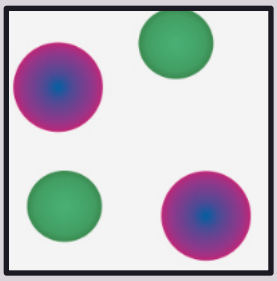


Image Processing

Caleidoscan

The attomol® Caleidoscan 100[5] (CS100) is an automated fluorescence measuring device which is used for imaging recording of fluorescent micro objects, e.g. fluorescence and size coded micro particles (beads) when measuring attomol® Beadassays (see page 24). The CS100 is controlled by the control and evaluation software attomol® Caleidopro (CP). Compared to flow cytometric measurement methods the CS100 is much faster.

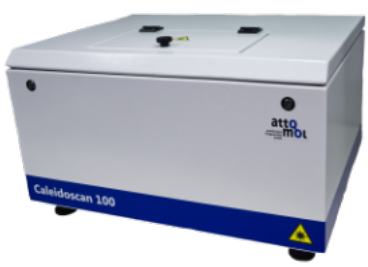
attomol® Caleidoscan 100

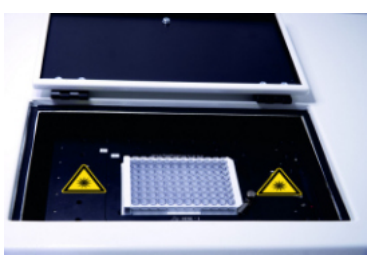
CS100 records three fluorescence images (blue, green, red) per well.
This measurement system features a wide linear measuring range and high precision. The evaluation of a complete 96-well microtiter plate takes about 15 minutes regardlessly of the number of parameters.

Sample throughput	optimal for 8 to 96 samples per measurement
Measuring time for 96 samples	approx. 15 min.
Dimensions HxWxD [mm]	385x630x480
Weight	42 kg
REF	**1282**

FEATURES

- **Simple and standardized processing and measurement**
- **Very fast measuring method**
- **Recording in 3 fluorescence channels without filter change**
- **Large linear measuring range**
- **High precision through microscope technology**





[5] WEEE Reg. No. DE 49 802 298

Image Processing

Caleidopro

Caleidopro (CP) is a software for fully automatic, digital image processing of fluorescence images. This includes the extraction of measured values from the image data as well as report generation and data output or export to the respective LIMS.

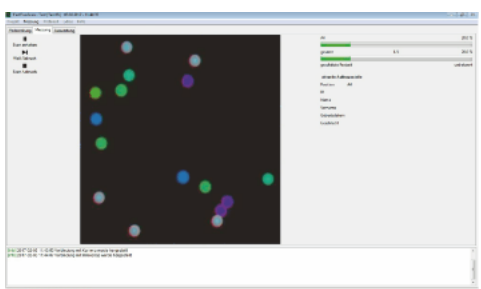
Caleidopro

Thanks to its modular software structure, the Caleidopro can be used to flexibly control various hardware components and execute different applications:

- Evaluation of Beadassays, max. 18 parameters per well
- Measuring of fluorescences in fluids and on surfaces
- Counting of adhered bacteria on the microtest plates
- Counting of adhered bacteria on growing adherent cells
- Assembling of microscopic images

The applications can be adjusted to users' requirements via user modules (profiles).

Operating system	Windows 7, Windows 10
Hardware	drive unit Calaidoscan 100 other motorised microscopes, cross tables and cameras on request
REF	**1283**



FEATURES

- **Modular software structure**
- **Adaptable to user-specific requirements**
- **LIMS connection possible**

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SHIPPING

Orders can be placed by phone every working day, and by e-mail or fax even outside of office hours.

We usually ship on Mondays to Wednesdays, so that deliveries ideally arrive in the same week and are not temporarily stored by the delivery person over the weekend.
For orders within Europe except Germany shipping is free via standard shipping for orders over 3.500,00 € or via express shipping for orders over 7.000,00 € assumed the delivery start is between monday 8:00 o'clock and wednesday 12:00 o'clock. For other orders there are shipping costs.

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Your notes

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