

CATALOG 2011/2012

research, development, production and distribution of clinical diagnostic instruments and reagents



www.biokit.com



biokit



Biokit, S.A. was founded in 1973

with entirely private capital.

Its purpose is the research, development, production and distribution of clinical diagnostic reagents.

Biokit belongs to an international holding corporation named Werfen Group together with Instrumentation Laboratory (IL), well known for its Coagulation, Blood Gas and Clinical Chemistry product lines; and INOVA, a worldwide reference company in autoimmune diseases.

Biokit is located in Lliçà d'Amunt, 30 kilometres north of Barcelona, where the company's facilities currently occupy 18,400 square metres.



> Research and development

Research and development activity is one of the main features in the strategy of Biokit, where **more than 18% of the annual turnover is reinvested.**

As a result of this research effort, Biokit develops its products with its **own technologies.**



> Technologies

Technologies oriented to the achievement of **highly purified antigens and antibodies:**

- Viral, bacterial and parasitological culture and purification
- **Synthetic peptides and recombinant antigen production**
- Rabbit, goat, guinea pig and lamb **polyclonal antibody** production and purification
- Hybridoma culture and **monoclonal antibody** production

Technologies oriented to the productions of reagents:

- **Latex particle agglutination** (slide or turbidimetric tests)
- **Enzyme immunoassay (ELISA)**
- **Western blot**
- **Hemagglutination**, direct or carbon particle agglutination
- **Immunochromatography**
- **Chemiluminescence**



> Production

All production procedures at Biokit follow **G.M.P (Good Manufacturing Practices) regulations** to guarantee the total quality of the final product.

The strict monitoring of the **Standard Operating Procedures (S.O.P.)** assures the proper functionality and reproducibility of the different reagent production batches.



> Quality Assurance

All reagents developed by Biokit must achieve the most rigid quality standards and must meet the particular needs of the different markets to which they are addressed.

The Quality Assurance Department at Biokit is responsible for the **Total Quality of the Company**, submitting all procedures to a very strict control from the conception and research of a new product to its final manufacturing and distribution.

The achievement of different international standards is verified at all times.

Biokit quality system has been certified conforming to the **ISO 9001:2000 standard** by UL (number A1223).

As for regulatory affairs, Biokit manufacturing processes are subject to a constant control process and have successfully undergone numerous audits and assessments by the most **renowned international regulatory agencies: FDA-USA, CE Mark-European Union and Health Ministry from other countries.**



> Product Lines

Rapid Tests

Manual and rapid use reagents, based on latex, red cell agglutinations or membrane immunochromatography for syphilis, rheumatic diseases, toxoplasmosis, rotavirus, rubella, infectious mononucleosis, *Helicobacter pylori* diagnoses.

Bioelisa

Microtiter plate ELISA tests for hepatitis B (all markers), hepatitis A, hepatitis C*, hepatitis E, HIV 1+2, HTLV I+II, syphilis, toxoplasmosis, rubella, CMV, HSV, chagas' disease and *Helicobacter pylori*, all of which are suitable for automation. Confirmatory tests for HIV-1 and HCV*, based on the western blot procedure.

Quantex

Turbidimetric reagents for use on automated clinical chemistry systems for rheumatic diseases (CRP, CRP Ultrasensitive, RF, ASO), immunoglobulins (IgG, IgA, IgM, IgE), complements (C3, C4), ferritin, transferrin, soluble transferrin receptor, haptoglobin, A-1 antitrypsin, HbA1c, Lp(a), β -2-microglobulin, A-1-acid glycoprotein, microalbumin, myoglobin and digitoxin.

* Available only for some areas

BIO-FLASH

Fully automated chemiluminescent immunoassays for toxoplasmosis, rubella, CMV, hepatitis B, hepatitis C* and HIV on the BIO-FLASH instrument.



> Automation

In order to optimise the workload of the clinical laboratory, Biokit has adapted its tests to different instrumentation available in the marketplace. To achieve this, Biokit has a support team which is responsible for application development.



International Marketing

Biokit is characterised by a clearly defined international vocation. More than 90% of the turnover is attributable to export sales.

Biokit's distribution network covers most countries.

The main markets of the United States, Europe, Japan and Latin America are directly covered by its own subsidiary companies. For the remaining territories, Biokit has a network of more than 80 distributors.

The marketing and sales department of Biokit offers continuous training and technical support to the sales team, to help fulfil and solve customer needs at all times.

The most relevant concepts in Biokit's Company philosophy are:

Research Vocation

RESEARCH VOCATION

for working with its own products and technologies

Total Quality

TOTAL QUALITY

as an integral company concept

International Projection

INTERNATIONAL PROJECTION

and a global marketing vision

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Rapid Tests

Product Description	Packaging	Reference	Sample	Assay time
Rheuma				
RHEUMAJET ASO Latex agglutination test on slide for the qualitative and semi-quantitative determination of Antistreptolysin-O in serum.	kit 100 tests	3000-7010	Direct	2 minutes
RHEUMAJET RF Latex agglutination test on slide for the qualitative and semi-quantitative determination of Rheumatoid Factor in serum.	kit 100 tests	3000-7033	Direct	2 minutes
RHEUMAJET CRP Latex agglutination test on slide for the qualitative and semi-quantitative determination of C-Reactive Protein in serum.	kit 100 tests	3000-7051	Direct	2 minutes
CELARKIT AR Rapid test for the qualitative and quantitative determination of Rheumatoid Factor by haemagglutination on slide (modified Waaler Rose).	kit 50 tests	3000-1020	Direct	2 minutes
Syphilis				
RPR Flocculation test on slide for qualitative and quantitative determination of Syphilis in serum or plasma.	kit 100 tests kit 500 tests	3000-5511 3000-5550	Direct	8 minutes
SYPHAGEN TPHA Passive hemagglutination test on microplate for the qualitative and quantitative determination of specific <i>Treponema pallidum</i> antibodies in serum or plasma.	kit 200 tests	300615700	Diluted	45-60 minutes
SYPHAGEN TPHA AUTO Passive hemagglutination test on microplate for the qualitative determination of specific <i>Treponema pallidum</i> antibodies in serum or plasma. This kit is specially dedicated to work, with PK7100® and PK7200® from Olympus™.	kit 5000 tests	3000-5705	Diluted	60 minutes
SYPHAGEN TPHA AUTO REC PLUS Passive hemagglutination test on microplate, based on recombinant antigens for qualitative and quantitative determination of specific <i>Treponema pallidum</i> antibodies in serum or plasma. This kit is specially dedicated to work with PK7200® from Olympus™.	kit 5000 tests	3000-5709	Diluted	60 minutes
Toxoplasmosis				
TOXOCELL LATEX Latex agglutination test on slide for the qualitative and semiquantitative determination of <i>Toxoplasma gondii</i> antibodies in serum.	kit 100 tests	3000-4525	Direct	5 minutes
Rubella				
RUBAGEN Latex agglutination test on slide for the qualitative and quantitative determination of Rubella virus antibodies in serum.	kit 100 tests	3000-4001	Direct	5 minutes
Infectious Mononucleosis				
MONOGEN Latex agglutination test on slide for the qualitative and semiquantitative determination of specific Infectious Mononucleosis heterophile antibodies in serum or plasma.	kit 50 tests kit 150 tests	3000-1001 3000-1002	Direct	3 minutes
COLOR-MONO Rapid test for the qualitative and semiquantitative determination of specific Infectious Mononucleosis heterophile antibodies in serum or plasma by hemagglutination of horse erythrocytes on slide.	kit 50 tests	3000-1005	Direct	2 minutes

Product Description	Packaging	Reference	Sample	Assay time
Rotavirus				
ROTAGEN Latex agglutination test on slide for the qualitative determination of Rotavirus antigen in stool.	kit 25 tests	3000-8010	Diluted	2 minutes
Helicobacter pylori				
HELICOGEN Latex agglutination test on slide for the qualitative determination of <i>Helicobacter pylori</i> antibodies in serum.	kit 24 tests	3000-1072	Direct	3 minutes

> Immunochromatography

Product Description	Packaging	Reference	Sample	Assay time
Rotavirus/Adenovirus				
biorapid ROTA/ADENO One step immunochromatographic test for the detection of rotavirus and adenovirus antigen from fecal samples.	kit 20 tests	3000-1073	Diluted	5 minutes
Mononucleosis				
biorapid MONONUCLEOSIS One step immunochromatographic test for the detection of specific Infectious Mononucleosis heterophile antibodies in serum, plasma or whole blood.	kit 25 tests	3000-1027	Direct	5 minutes
Chlamydia trachomatis				
biorapid CHLAMYDIA Ag One step immunochromatographic test for the detection of <i>Chlamydia trachomatis</i> antigen from endocervical and urethral specimens.	kit 20 tests	3000-1021	Diluted	20 minutes
Treponema pallidum				
biorapid SYPHILIS One step immunochromatographic test for the detection of antibodies to <i>Treponema pallidum</i> in human serum, plasma or whole blood.	kit 20 tests	3000-1023	Direct	15 minutes

Product Description	Packaging	Reference	Sample	Comments
Hepatitis				
bioelisa HAV Elisa test for qualitative detection of total antibodies to Hepatitis A virus in human serum or plasma.	kit 96 tests	3000-1097	Direct	Competitive assay
bioelisa HAV IgM Elisa test for qualitative detection of IgM antibodies to Hepatitis A virus in human serum or plasma.	kit 96 tests	3000-1098	Diluted 1/4000	Immunocapture
bioelisa HBsAg 3.0 Elisa test for qualitative detection of Hepatitis B surface antigen (HBsAg) in human serum or plasma.	kit 96 tests kit 480 tests	3000-1158 3000-1159	Direct	ad-ay polyclonal antibodies
bioelisa HBsAg Confirmatory assay Elisa test for confirmation of Hepatitis B surface antigen (HBsAg) in human serum or plasma.	kit 10 tests	3000-1090	Direct	Neutralization assay a-HBs antibodies
bioelisa anti-HBs Elisa test for qualitative and quantitative detection of antibodies to Hepatitis B surface antigen (anti-HBs) in human serum.	kit 96 tests	3000-1101	Direct	Quantified IU/ml 10 - 100 IU/ml
bioelisa anti-HBc Elisa test for qualitative detection of total antibodies to Hepatitis B core antigen (anti-HBc) in human serum or plasma.	kit 96 tests	3000-1102	Direct	Competitive assay
bioelisa HCV 4.0 Third generation Elisa test for qualitative detection of antibodies to Hepatitis C virus in human serum or plasma. (Available only for some areas).	kit 96 tests kit 480 tests	3000-1115 3000-1116	IPD 1/20	Core, NS3, NS4 and NS5 antigens
bioelisa HEV IgG Elisa test for qualitative detection of IgG antibodies to Hepatitis E virus in human serum or plasma.	kit 96 tests	3000-1233	IPD 1/20	Recombinant antigens
bioelisa HEV IgM 3.0 Elisa test for qualitative detection of IgM antibodies to Hepatitis E virus in human serum or plasma.	kit 96 tests	3000-1251	IPD 1/20	Recombinant antigens
Retrovirus				
bioelisa HIV-1+2 3.0 Third generation elisa test for qualitative detection of antibodies to HIV-1 and HIV-2 in human serum or plasma.	kit 96 tests kit 480 tests	3000-1168 3000-1169	Direct 100 µl	Recombinant antigens HIV-1: gp41, gp120 HIV-2: gp36
bioelisa HTLV-I+II 5.0 Third generation Elisa test for qualitative detection of antibodies to HTLV-I and HTLV-II in human serum or plasma.	kit 192 tests	3000-1165	IPD 1/2	Recombinant antigens Labelled recombinant as conjugate gp21, gp46(I), gp46(II)

Product Description	Packaging	Reference	Sample	Comments
Torch				
bioelisa TOXO IgG Elisa test for qualitative and quantitative detection of IgG antibodies to <i>Toxoplasma gondii</i> in human serum or plasma.	kit 96 tests	3000-1214	Diluted 1/100	Quantified IU/ml 10 - 200 IU/ml
bioelisa TOXO IgM Elisa test for qualitative detection of IgM antibodies to <i>Toxoplasma gondii</i> in human serum or plasma.	kit 96 tests	3000-1210	Diluted 1/100	Immunocapture
bioelisa RUBELLA IgG Elisa test for qualitative and quantitative detection of IgG antibodies to Rubella virus in human serum or plasma.	kit 96 tests	3000-1215	Diluted 1/100	Quantified IU/ml 10 - 200 IU/ml
bioelisa RUBELLA IgG colour Elisa test for qualitative and quantitative detection of IgG antibodies to Rubella virus in human serum or plasma. In plate dilution 1/20.	kit 480 tests	3000-1219	IPD 1/20	Quantified IU/ml 10 - 50 IU/ml
bioelisa RUBELLA IgM Elisa test for qualitative detection of IgM antibodies to Rubella virus in human serum or plasma.	kit 96 tests	3000-1231	Diluted 1/100	Immunocapture
bioelisa CMV IgG Elisa test for qualitative and quantitative detection of IgG antibodies to Cytomegalovirus in human serum or plasma.	kit 96 tests	3000-1216	Diluted 1/100	Quantified IU/ml 0.25 - 2.5 IU/ml
bioelisa CMV IgM Elisa test for qualitative detection of IgM antibodies to Cytomegalovirus in human serum or plasma.	kit 96 tests	3000-1212	Diluted 1/100	Immunocapture
bioelisa CMV colour 2.0 Elisa test for qualitative detection of total antibodies to Cytomegalovirus in human serum or plasma.	kit 480 tests	3000-1250	IPD 1/20	Suitable for blood donor screening
bioelisa HSV-1 IgG Elisa test for qualitative detection of IgG antibodies to Herpes Simplex Virus type 1 in human serum or plasma.	kit 96 tests	3000-1206	Diluted 1/100	Recombinant HSV-1 antigen
bioelisa HSV-2 IgG Elisa test for qualitative detection of IgG antibodies to Herpes Simplex Virus type 2 in human serum or plasma.	kit 96 tests	3000-1208	Diluted 1/100	Purified HSV-2 envelope protein
bioelisa HSV IgM Elisa test for qualitative detection of IgM antibodies to Herpes Simplex Virus in human serum or plasma.	kit 96 tests	3000-1213	Diluted 1/100	Immunocapture

Product Description	Packaging	Reference	Sample	Comments
Others				
bioelisa SYPHILIS 3.0 Third generation elisa test for qualitative detection of total antibodies to <i>Treponema pallidum</i> in human serum or plasma.	kit 96 tests kit 480 tests	3000-1148 3000-1149	IPD 1/2	Recombinant antigens
bioelisa Helicobacter IgG Elisa test for qualitative and quantitative detection of IgG antibodies to <i>Helicobacter pylori</i> in human serum.	kit 96 tests	3000-1141	Diluted 1/200	Quantitative assay VacA and CagA Antigens
bioelisa Chagas Elisa test for qualitative detection of total antibodies to <i>Trypanosoma cruzi</i> in human serum or plasma.	kit 96 tests kit 480 tests	3000-1236 3000-1237	IPD 1/20	Recombinant antigens

Product Description	Reference
Bioelisa Instrumentation	
BEST 2000 Fully automated ELISA microtiter plate immunoanalyzer for the simultaneous complete processing of 4 plates.	3710-0337
DS2 Fully automated ELISA microtiter plate immunoanalyzer for the simultaneous complete processing of 2 plates.	3710-0342
ELx-800 READER Automated microtiter plate ELISA reader.	3710-0170
ELx-50 WASHER Automated microtiter strip/plate ELISA washer.	3710-0234

best 2000

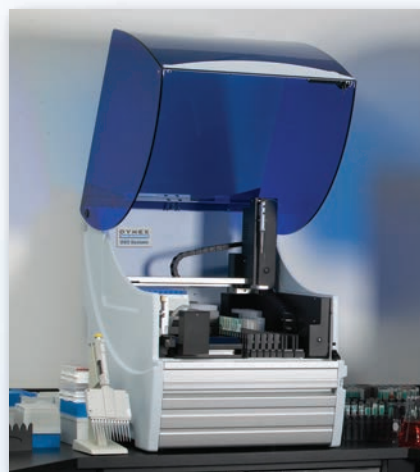
best 2000 is a fully automated microplate immunoanalyser designed for medium-large laboratories. 4 microplates are processed simultaneously with up to 48 tests in one profile. Automation of sample dispensing with disposable tips, reagent dispensing, microplate washing, incubations (time and temperature), photometric reading and data reduction. Positive sample and plate identification. Host link interface. Dimensions: 90 cm x 80 cm x105 cm



> Bioelisa Instrumentation

DS2

DS2 best 2000 is a fully automated microplate immunoanalyser designed for small- medium laboratories. 2 microplates are processed simultaneously with up to 24 tests in one profile. Automation of sample dispensing with disposable tips, reagent dispensing, microplate washing, incubations (time and temperature), photometric reading and data reduction. Positive sample and plate identification. Host link interface. Dimensions: 54 cm x 68 cm x 66 cm



ELx 800 bioelisa Microplate Reader

Extensive on-board analysis:

- Data reduction included.
- Control and validation criteria.
- Qualitative, cut off: and quantitative methods.

Storage capacity: Up to 55 different methods.

Up to 8 microplate tests results saved in the reader's memory.

Software in different languages.

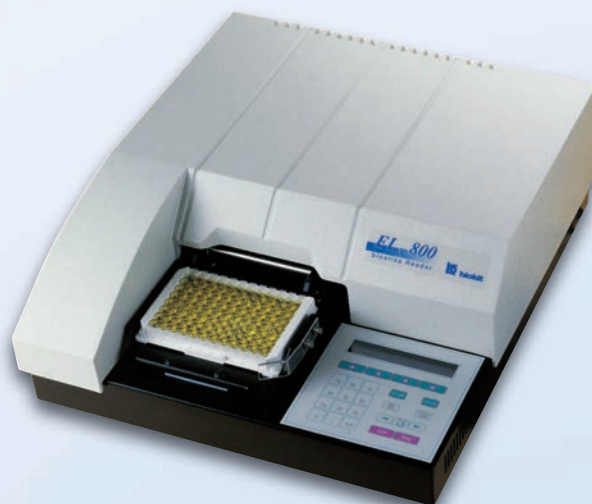
Specifications

Reading speed: 30 seconds.

Working range: from 400 to 750 nm (5 filters).

Reading range: from 0.000 to 3.000 Abs.

Dimensions: 41.9 cm x 38.1 cm x 17.8 cm



ELx 50 bioelisa Microplate Washer

Selection of wash programmes by plate or strip. Easy to programme: On board software same format as ELx 800.

Programmable aspiration time and final extra aspiration.

Wash options: Shaking, soaking, dispensing speed, crosswise aspiration and bottom wash features.

Software in different languages.

Specifications

Syringe drive fluid delivery. Removable plate carrier and manifold for cleaning or autoclave. Compact: Pump, head, keypad and display, included in only one module.

Dimensions: 35 cm x 40 cm x 16.5 cm



Bioelisa Confirmatory



Product Description	Packaging	Reference	Sample	Comments
Retrovirus				
bioblot HIV-1 Plus Confirmatory test for HIV-1 and detection of gp36 antibodies to HIV-2 by Western Blot technique in human serum or plasma.	kit 18 tests	3000-1467	Diluted 1/100	HIV-1 viral lysate HIV-2 synthetic peptide
Hepatitis C				
bioblot HCV Confirmatory test for HCV infection by Immunoblot technique in human serum or plasma. (Available only for some areas).	kit 18 tests	3000-1474	Diluted 1/100	HCV recombinant antigens



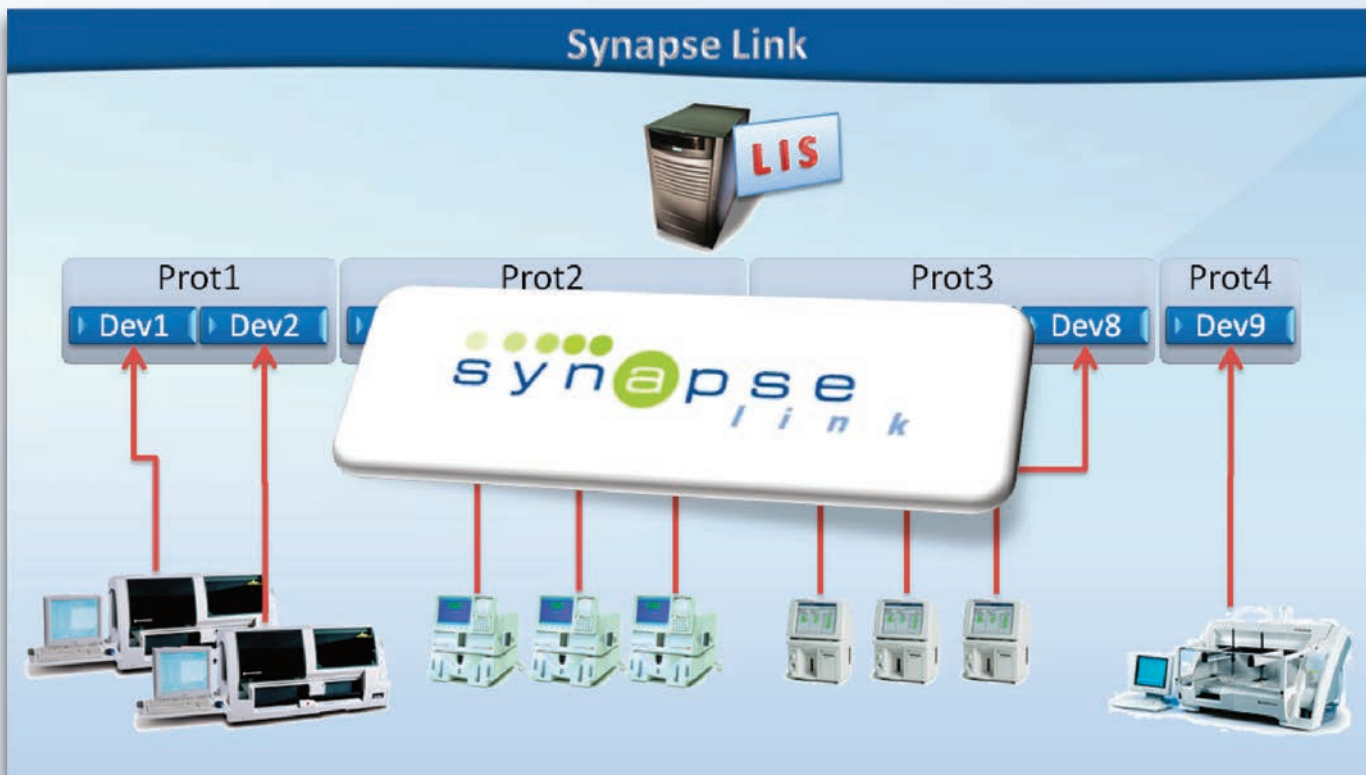
Product Description	Reference
Software	
Synapse Link "middleware" software which aids in the connectivity between laboratory instruments and host applications – LIS, HIS and any Data Management Systems. Includes three licenses.	3410-0848
Synapse Link PC Box PC Box for Synapse Link 1GB RAM, Windows XP.	3410-0849

Synapse Link

Multiple instruments, whether they are of the same or different type, can be connected to Synapse Link, which then acts as a "middleware" between the instruments and in many cases, the LIS. The system is easily installed and configured in a standard PC.

Synapse Link is able to convert any incoming instrument protocol into any other protocol (ASTM, HL7, proprietary protocols) and regardless of the physical connection (TC/IP, serial port, etc.).

The software is designed on the "black box" concept, meaning that once up and running, it requires little or no user intervention. One way that Synapse Link can add value, is in the concentration of multiple instrument connections. By running various instruments through Synapse Link with one connection to the LIS, real savings can be made on high instrument connection fees.



Product Description	Packaging	Reference	No. of standards	No. of controls	Work range up to	Reference range
Rheuma						
quantex ASO plus Latex agglutination automated test for the quantitative determination of Antistreptolysin-O in serum by turbidimetry.	reagent 2 x 6 ml buffer 1 x 90 ml standard 6 x 1 ml (lyoph.)	3000-2304 3000-2312	1 point	2	850 IU/ml	< 200 IU/ml
quantex RF (II) Latex agglutination automated test for the quantitative determination of Rheumatoid Factor in serum by turbidimetry.	reagent 2 x 6 ml buffer 1 x 80 ml standard 6 x 1 ml	3000-2333 3000-2252	6 points	2	200 IU/ml	< 14 IU/ml
quantex CRP plus Latex agglutination automated test for the quantitative determination of C-Reactive Protein in serum or plasma by turbidimetry.	reagent 4 x 10 ml buffer 1 x 80 ml standard 6 x 1 ml	3000-2209 3000-2093	1 point	2	100 mg/l	< 5 mg/l
quantex ASO-CRP-RF control Low level multicontrol for rheumatic parameters.	6 x 1 ml	3000-2069				
quantex ASO-CRP-RF control II High level multicontrol for rheumatic parameters.	3 x 1 ml	3000-2070				
CRP ultrasensitive						
quantex CRP ultra sensitive Latex agglutination automated test for the quantitative determination of low levels of C-Reactive Protein in serum by turbidimetry.	reagent 1 x 13 ml buffer 1 x 13 ml standard 5 x 1 ml (5 levels) control 3 x 1 ml	3000-2297 3000-2298 3000-2299	5 points	1	2000 µg/dl	0-300 µg/dl
Immunoglobulins						
quantex IgA Automated test for the quantitative determination of Immunoglobulin A in serum or plasma by turbidimetry.	reagent 4 x 16 ml buffer 1 x 90 ml	3000-2268	5 points	2	900 mg/dl	70-400 mg/dl
quantex IgG Automated test for the quantitative determination of Immunoglobulin G in serum or plasma by turbidimetry.	reagent 4 x 16 ml buffer 1 x 90 ml	3000-2269	5 points	2	4100 mg/dl	700-1600 mg/dl
quantex IgM Automated test for the quantitative determination of Immunoglobulin M in serum or plasma by turbidimetry.	reagent 4 x 16 ml buffer 1 x 90 ml	3000-2270	5 points	2	400 mg/dl	40-230 mg/dl
Complements						
quantex C3 (II) Automated test for the quantitative determination of Complement 3 in serum or plasma by turbidimetry.	reagent 2 x 9,5 ml buffer 1 x 58 ml	3000-2340	5 points	2	500 mg/dl	90-180 mg/dl
quantex C4 (II) Automated test for the quantitative determination of Complement 4 in serum or plasma by turbidimetry.	reagent 2 x 4,5 ml buffer 1 x 58 ml	3000-2341	5 points	2	100 mg/dl	10-40 mg/dl

Product Description	Packaging	Reference	No. of standards	No. of controls	Work range up to	Reference range
A-1-Acid Glycoprotein						
quantex A -1 - AGP Automated test for the quantitative determination of A -1- Acid Glycoprotein in serum by turbidimetry.	reagent 1 x 9 ml buffer 1 x 50 ml	3000-2331	5 points	2	250 mg/dl	50-120 mg/dl
Transferrin						
quantex Transferrin Automated test for the quantitative determination of Transferrin in serum by turbidimetry.	reagent 2 x 10 ml buffer 2 x 40 ml	3000-2332	5 points	2	700 mg/dl	200-360 mg/dl
Haptoglobin						
quantex Haptoglobin Automated test for the quantitative determination of Haptoglobin in serum or plasma by turbidimetry.	reagent 2 x 3.5 ml buffer 1 x 35 ml	3000-2305	5 points	2	260 mg/dl	30-200 mg/dl
A-1 Antitrypsin						
quantex A-1 Antitrypsin Automated test for the quantitative determination of A-1 Antitrypsin in serum or plasma by turbidimetry.	reagent 2 x 4 ml buffer 1 x 35 ml	3000-2306	5 points	2	330 mg/dl	90-200 mg/dl
quantex Proteins standard for IgA, IgG, IgM, C3, C4, A -1-AGP, Transferrin, Haptoglobin, A-1 Antitrypsin.	standard 5 x 1 ml (5 levels)	3000-2128				
quantex Proteins control I/II for IgA, IgG, IgM, C3, C4, A -1-AGP, Transferrin, Haptoglobin, A-1 Antitrypsin, B-2 Microglobulin.	level I 3 x 1 ml (lyoph.) level II 3 x 1 ml (lyoph.)	3000-2122				
Soluble Transferrin Receptor						
quantex sTfR (II) Latex agglutination automated test for the quantitative determination of soluble Transferrin receptor in serum or plasma by turbidimetry.	reagent 1 x 6 ml buffer 1 x 13 ml standard 6 x 1 ml (lyoph.) (6 levels) control I/II level I 1 x 1 ml (lyoph.) level II 1 x 1 ml (lyoph.)	3000-2334 3000-2338 3000-2339	5 points	2	21 mg/l (250 nmols/l)	0.9-2.30 mg/l 10.5-27 nmols/l)
Ferritin						
quantex Ferritin Latex agglutination automated test for the quantitative determination of Ferritin in serum or plasma by turbidimetry.	reagent 3 x 7 ml buffer 1 x 100 ml standard 4 x 1 ml (4 levels)	3000-2271 3000-2223	5 points	2	500 ng/ml	30-300 ng/ml (men) 15-300 ng/ml (women)
Myoglobin						
quantex Myoglobin Latex agglutination automated test for the quantitative determination of Myoglobin in serum or plasma by turbidimetry.	reagent 2 x 6 ml buffer 2 x 12 ml standard 5 x 1 ml (5 levels)	3000-2329 3000-2330	5 points	2	500 ng/ml	< 70 ng/ml

Product Description	Packaging	Reference	No. of standards	No. of controls	Work range up to	Reference range
IgE						
quantex IgE Latex agglutination automated test for the quantitative determination of Immunoglobulin E in serum by turbidimetry.	reagent 2 x 5 ml	3000-2238	5 points	2	1000 IU/ml	< 200 IU/ml
	buffer 2 x 16 ml standard 5 x 1 ml (5 levels)	3000-2240				
quantex Ferritin / Myoglobin IgE control I / II	level I 1 x 3 ml (lyoph.) level II 1 x 3 ml (lyoph.)	3000-2222				
Lipoproteins						
quantex Lp(a) Latex agglutination test for the quantitative determination of Lipoprotein (a) in serum or plasma by turbidimetry.	reagent 2 x 4 ml	3000-2292	5 points	2	90 mg/dl	< 30 mg/dl
	buffer 2 x 11 ml standard 5 x 1 ml (5 levels) control I/II level I 3 x 1 ml (lyoph.) level II 3 x 1 ml (lyoph.)	3000-2293 3000-2294				
Microalbumin						
quantex Microalbumin Automated test for the quantitative determination of Albumin in urine by turbidimetry.	reagent 1 x 4 ml buffer 1 x 75 ml standard 5 x 1 ml control 3 x 1 ml	3000-2272 3000-2273 3000-2274	5 points	1	500 mg/l	< 20 mg/l
β-2 Microglobulin						
quantex β-2 Microglobulin Latex agglutination automated test for the quantitative determination of β-2 Microglobulin in serum, plasma or urine by turbidimetry.	reagent 4 x 3 ml buffer 1 x 40 ml standard 3 x 1 ml	3000-2307 3000-2192	1 point	1	16 mg/l	0.97-2.64 mg/l < 0.32 mg/l (urine)
Glycated Hemoglobin						
quantex HbA1C Automated test for the quantitative determination of glycated hemoglobin in whole blood by turbidimetry.	hemolyzing solution 1 x 50 ml	3000-2314	6 points	2	-	4.5-6.2%
	Hb reagent 1 x 28 ml					
	HbA _{1C} latex reagent 1 x 14 ml					
	HbA _{1C} agglutinator reagent 1 x 14 ml					
	standard multipoint 1 x 8 ml (level 1) 5 x 2 ml (levels 2-6)	3000-2315				
	control level I 2 x 0.25 (lyoph.)	3000-2316				
control level II 2 x 0.25 (lyoph.)						
reconst. buffer 1 x 2 ml						

Product Description	Packaging	Reference	No. of standards	No. of controls	Work range up to	Reference range
Therapeutic Drug Monitoring (TDM)						
quantex Digitoxin Latex agglutination automated test for the quantitative determination of Digitoxin in serum by turbidimetry.	reagent 2 x 6.5 ml buffer 2 x 10.5 ml standard 6 x 1 ml (6 levels) control level I 1 x 5 ml (lyoph.) control level II 1 x 5 ml (lyoph.)	3000-2276 3000-2284 3000-2291	6 points	2	80 ng/ml	20-35 ng/ml



Quantex applications Aplicaciones quantex	CRP	CRP ULTRA SENSITIVE	RF (II)	ASO	IgA	IgG	IgM	C3 (II)	C4 (II)
AU 520/560 (Olympus)	●		●	●	●	●	●	●	●
AU 400/600/640 (Olympus)	●	●	●	●	●	●	●	●	●
AU 800 (Olympus)	●	●	●	●	●	●	●	●	●
COBAS MIRA S (Roche)	●	●	●	●	●	●	●	●	●
DAYTONA (Randox)	●	●	●	●	●	●	●	●	●
DIMENSION (Dade-Behring)	●		●	●	●	●	●	●	●
HITACHI-704 (Roche)	●	●	●	●	●	●	●	●	●
HITACHI-717 (Roche)	●	●	●	●	●	●	●	●	●
HITACHI-747 (Roche)	●	●	●	●	●	●	●	●	●
HITACHI-902 (Roche)	●	●	●	●	●	●	●	●	●
HITACHI-911 (Roche)	●	●	●	●	●	●	●	●	●
HITACHI-912 (Roche)	●	●	●	●	●	●	●	●	●
HITACHI-917 (Roche)	●	●	●	●	●	●	●	●	●
ILAB 300 PLUS (Instrumentation Laboratory)	●	●	●	●	●	●	●	●	●
ILAB 600/650 (Instrumentation Laboratory)	●	●	●	●	●	●	●	●	●
ILAB 900/1800 (Instrumentation Laboratory)	●	●	●	●	●	●	●	●	●
MASCOTT/LISA (Lysabio)	●		●	●	●	●	●	●	●
SELECTRA II	●	●	●	●	●	●	●	●	●
SHIMADZU CL-7200/7300 (Shimadzu)	●	●	●	●	●	●	●	●	●
SYNCHRON CX4/CX5/CX7/CX9 (Beckman)	●		●	●	●	●	●	●	●
SYNCHRON LX20 (Beckman)	●				●	●	●	●	●
TARGA (Biotecnica)	●		●	●	●	●	●	●	●
TOSHIBA 20R (Toshiba)	●	●	●	●	●	●	●	●	●
TOSHIBA 30R (Toshiba)	●	●	●	●	●	●	●	●	●
TOSHIBA 480 (Toshiba)	●		●	●	●	●	●	●	●
WAKO 20R (Wako)	●	●	●	●	●	●	●	●	●
WAKO 30R (Wako)	●	●	●	●	●	●	●	●	●

BIO-FLASH

Product Description	Packaging	Reference
Torch		
BIO-FLASH TOXO IgG Fully automated chemiluminescent two-step immunoassay for quantitative measurement of IgG antibodies to <i>Toxoplasma gondii</i> in human serum or plasma.	kit 50 tests Calibrators Controls	3000-8551 3000-8552 3000-8553
BIO-FLASH TOXO IgM Fully automated chemiluminescent two-step immunoassay for qualitative measurement of IgM antibodies to <i>Toxoplasma gondii</i> in human serum or plasma.	kit 50 tests Calibrators Controls	3000-8554 3000-8555 3000-8556
BIO-FLASH RUBELLA IgG Fully automated chemiluminescent two-step immunoassay for quantitative measurement of IgG antibodies to rubella virus in human serum or plasma.	kit 50 tests Calibrators Controls	3000-8557 3000-8558 3000-8559
BIO-FLASH RUBELLA IgM Fully automated chemiluminescent two-step immunoassay for qualitative measurement of IgM antibodies to Rubella virus in human serum or plasma.	kit 50 tests Calibrators Controls	3000-8560 3000-8561 3000-8562
BIO-FLASH CMV IgG Fully automated chemiluminescent two-step immunoassay for qualitative measurement of IgG antibodies to Cytomegalovirus in human serum or plasma.	kit 50 tests Calibrators Controls	3000-8563 3000-8564 3000-8565
BIO-FLASH CMV IgM Fully automated chemiluminescent two-step immunoassay for qualitative measurement of IgM antibodies to Cytomegalovirus in human serum or plasma.	kit 50 tests Calibrators Controls	3000-8566 3000-8567 3000-8568
Hepatitis		
BIO-FLASH HBsAg Fully automated chemiluminescent two-step immunoassay for qualitative measurement of Hepatitis B surface antigen (HBsAg) in human serum or plasma.	kit 100 tests Calibrators Controls	3000-8569 3000-8570 3000-8571
BIO-FLASH anti-HBs Fully automated chemiluminescent two-step immunoassay for quantitative measurement of antibodies to Hepatitis B surface antigen (anti-HBs) in human serum or plasma.	kit 100 tests Calibrators Controls	3000-8581 3000-8582 3000-8583
BIO-FLASH anti-HBc Fully automated chemiluminescent two-step immunoassay for qualitative measurement of total antibodies to Hepatitis B core antigen (anti-HBc) in human serum or plasma.	kit 100 tests Calibrators Controls	3000-8578 3000-8579 3000-8580
BIO-FLASH HCV Fully automated chemiluminescent two-step immunoassay for qualitative measurement of antibodies to Hepatitis C virus in human serum or plasma. (Available only for some areas).	kit 100 tests Calibrators Controls	3000-8572 3000-8573 3000-8574
Retrovirus		
BIO-FLASH HIV-1+2 Fully automated chemiluminescent two-step immunoassay for qualitative measurement of antibodies to HIV-1 and HIV-2 in human serum or plasma.	kit 100 tests Calibrators Controls	3000-8575 3000-8576 3000-8577
Consumables		
BIO-FLASH Rinse solution	5 liters	3000-8205
BIO-FLASH Triggers (two solutions)	2 x 150 ml	3000-8204
BIO-FLASH Cuvettes	1400 units	3000-8206
BIO-FLASH Sample diluent	2 x 125 ml	3000-8207
BIO-FLASH Special Wash Solution	2 x 125 ml	3000-8208
BIO-FLASH Sample Cups	500 pcs	3000-8209
BIO-FLASH Screw Caps	500 pcs	3000-8210
BIO-FLASH System Cleaning Solution	6 x 4 ml	3000-8211

BIO-FLASH

> Instrumentation

Product Description	Reference
BIO-FLASH Instrumentation	
BIO-FLASH Fully automated, benchtop, random access and multiparametric immunoassay system.	3710-0344

BIO-FLASH is a fully automated, benchtop, random access and multiparametric immunoassay system. Magnetic particle separation with flash chemiluminescent detection delivers exceptional clinical performance, offering immunoassays with high sensitivity and extremely large dynamic ranges.

Simple to use

- No reagent handling: self-contained, ready-to-use, precalibrated reagent cartridges
- Integrated barcode reader for reagent cartridges and samples
- Cartridges refrigerated at 4°C and stable up to more than 2 months onboard
- Calibrators & control barcoded
- Easy rack-loading system accommodates up to 30 samples
- Windows interface and touchscreen, flat LCD monitor with intuitive prompts

Fast and efficient

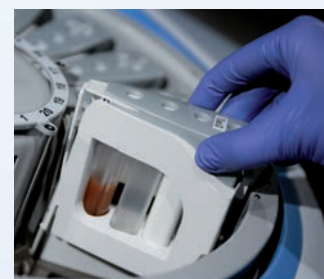
- Up to 20 reagent cartridges onboard
- Available 24 hours/day, 7 days/week
- Up to 64 tests/hour
- Time to first result: ~ 30 minutes
- Random or batch sample processing
- Continuous sample loading
- Clot detection
- STAT function

Highly accurate

- Automated chemiluminescent technology boosts accuracy and sensitivity
- Each assay is precalibrated to assure accuracy and standardization
- High sensitivity (isoluminol)
- No optical interference

Reliability

- Automatic reflex testing
- Automatic results validation
- Westgard multi-rules
- Levey-Jennings charts





biokit

08186 Lliçà d'Amunt - Barcelona - Spain
Tel.: (34) 93 860 90 00 - Fax: (34) 93 860 90 17
e-mail: biokit@biokit.com
Website: www.biokit.com



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AUS 1800 222 287 | NZ 0800 222 170
info@abacus-als.com | www.abacus-als.com