

# PRODUCT CATALOG





**AB ANALITICA**, established in 1990 and located in Padua (North-East Italy, near Venice), was one of the first Italian companies to operate in the field of molecular diagnostics. As of today, it has over 25 years of experience in the design, development and production of in vitro diagnostics. In this rapidly evolving sector, AB ANALITICA has kept its goals that were originally set on for its customers: innovation, qualified assistance, safety and certified quality.

#### **Design, Development and Innovation**

We are proud to be one of the few national realities with its own Research and Development department, formed by a multidisciplinary team, which ensures expertise in the field of medical biotechnology, engineering, information technology and pharmacogenetics. The synergy between our researchers and product specialists guarantees that our customers receive comprehensive answers and effective support. The continuous dialogue with clients and the focus on innovation over the years has allowed us to renew our product portfolio to meet the needs of our customers.

#### **Production**

Our in vitro diagnostics (IVD) are made in our facility. Over 3000 sqm of laboratories are reserved for Production and R&D. The entire production cycle is subject to strict quality controls.

#### **Quality**

Both our services and product quality are ensured by UNI EN ISO 9001 and UNI EN ISO 13485 certifications for the design, for the development and production of *in vitro* diagnostic medical devices (IVD), software and instrumentation. AB ANALITICA uses TÜV SÜD (0123) for the certification of the quality system. AB ANALITICA export in more than 40 different countries.

*"We design and produce solutions  
for better diagnostics."*

*Everyday we innovate,  
imagine and grow  
with our Customers"*



## REAL-TIME PCR

The **REALQUALITY** kits are complete with **ready-to-use reagents**, including internal and positive controls. The reaction mix contains the dUTP / UNG system for the prevention of carry-over contamination and a fluorescence normalization reagent. The kits of each panel share the **same thermal profile**, are validated on the most common **Real-Time PCR** instruments and come with a dedicated software for the interpretation of the results, called **AB Genius Report**. The REALQUALITY kits are also available in the automatic format used on the GENEQUALITY X120 system.

### INFECTIOUS DISEASES

CODE	PRODUCT NAME	PACKAGE	DESCRIPTION	REGULATORY
RQ-09-4M	REALQUALITY RQ-CMV	50 tests	Detection of <i>Cytomegalovirus</i>	CE-IVD 0123
RQ-09-6M		100 tests		
RQ-10-SM	REALQUALITY RQ-CMV STANDARD	4 x 60 µl	Quantification standards for <i>Cytomegalovirus</i>	CE-IVD 0123
RQ-11-4M	REALQUALITY RQ-EBV	50 tests	Detection of <i>Epstein-Barr virus</i>	CE-IVD
RQ-11-6M		100 tests		
RQ-122-SM	REALQUALITY RQ-EBV STANDARD	4 x 60 µl	Quantification standards for <i>Epstein-Barr virus</i>	CE-IVD
RQ-05-4M	REALQUALITY RS-HSV 1	50 tests	Detection of <i>Herpes simplex virus</i> type 1	CE-IVD
RQ-05-6M		100 tests		
RQ-06-SM	REALQUALITY RQ-HSV 1 STANDARD	4 x 60 µl	Quantification standards for <i>Herpes simplex virus</i> type 1	CE-IVD
RQ-07-4M	REALQUALITY RS-HSV 2	50 tests	Detection of <i>Herpes simplex virus</i> type 2	CE-IVD
RQ-07-6M		100 tests		
RQ-108-SM	REALQUALITY RQ-HSV 2 STANDARD	4 x 60 µl	Quantification standards for <i>Herpes simplex virus</i> type 2	CE-IVD
RQ-15-4M	REALQUALITY RS-HHV 6	50 tests	Detection of <i>Human Herpes virus</i> type 6	CE-IVD
RQ-15-6M		100 tests		
RQ-16-SM	REALQUALITY RQ-HHV 6 STANDARD	4 x 60 µl	Quantification standards for <i>Human Herpes virus</i> type 6	CE-IVD
RQ-19-4M	REALQUALITY RQ-HHV 7	50 tests	Detection of <i>Human Herpes virus</i> type 7	CE-IVD
RQ-19-6M		100 tests		
RQ-20-SM	REALQUALITY RQ-HHV 7 STANDARD	4 x 60 µl	Quantification standards for <i>Human Herpes virus</i> type 7	CE-IVD
RQ-17-4M	REALQUALITY RQ-HHV 8	50 tests	Detection of <i>Human Herpes virus</i> type 8	CE-IVD
RQ-17-6M		100 tests		
RQ-18-SM	REALQUALITY RQ-HHV 8 STANDARD	4 x 60 µl	Quantification standards for <i>Human Herpes virus</i> type 8	CE-IVD
RQ-35-4M	REALQUALITY RS-VZV	50 tests	Detection of <i>Varicella-zoster virus</i>	CE-IVD
RQ-35-6M		100 tests		
RQ-36-SM	REALQUALITY RQ-VZV STANDARD	4 x 60 µl	Quantification standards for <i>Varicella-zoster virus</i>	CE-IVD
RQ-37-4M	REALQUALITY RQ-PARVO B19	50 tests	Detection of <i>Parvovirus B19</i>	CE-IVD
RQ-37-6M		100 tests		
RQ-38-SM	REALQUALITY RQ-PARVO B19 STANDARD	4 x 60 µl	Quantification standards for <i>Parvovirus B19</i>	CE-IVD
RQ-49-4M	REALQUALITY RQ-BKV	50 tests	Detection of <i>BK virus</i>	CE-IVD
RQ-49-6M		100 tests		
RQ-50-SM	REALQUALITY RQ-BKV STANDARD	4 x 60 µl	Quantification standards for <i>BK virus</i>	CE-IVD
RQ-83-4M	REALQUALITY RQ-JCV	50 tests	Detection of <i>JC virus</i>	CE-IVD
RQ-83-6M		100 tests		
RQ-84-SM	REALQUALITY RQ-JCV STANDARD	4 x 60 µl	Quantification standards for <i>JC virus</i>	CE-IVD
RQ-85-4M	REALQUALITY RQ-MBT Complex	50 tests	Detection of <i>Mycobacterium tuberculosis complex</i>	CE-IVD
RQ-85-6M		100 tests		
RQ-86-SM	REALQUALITY RQ-MBT Complex STANDARD	4 x 60 µl	Quantification standards for <i>Mycobacterium tuberculosis complex</i>	CE-IVD
RQ-89-4M	REALQUALITY RQ-ENTERO	50 tests	Detection of <i>Enterovirus</i>	CE-IVD
RQ-89-6M		100 tests		
RQ-90-SM	REALQUALITY RQ-ENTERO STANDARD	4 x 60 µl	Quantification standards for <i>Enterovirus</i>	CE-IVD
RQ-93-4M	REALQUALITY RQ-ADENO	50 tests	Detection of <i>Adenovirus</i>	CE-IVD
RQ-93-6M		100 tests		
RQ-94-SM	REALQUALITY RQ-ADENO STANDARD	4 x 60 µl	Quantification standards for <i>Adenovirus</i>	CE-IVD
RQ-117-4M	REALQUALITY RQ-TOXO	50 tests	Detection of <i>Toxoplasma gondii</i>	CE-IVD 0123
RQ-117-6M		100 tests		
RUO-RQ-125-4M	REALQUALITY RQ-HIV DNA	50 tests	Detection of HIV-1 DNA	RUO
RUO-RQ-125-6M		100 tests		
RUO-RQ-126-SM	REALQUALITY RQ-HIV DNA STANDARD	4 x 105 µl	Quantification standards for HIV-1 DNA	RUO

## SEXUALLY TRANSMITTED INFECTIONS

CODE	PRODUCT NAME	PACKAGE	DESCRIPTION	REGULATORY
RQ-127-4M	REALQUALITY RQ-SevenSTI	50 tests	Detection of <i>Chlamydia trachomatis</i> , <i>Neisseria gonorrhoeae</i> , <i>Mycoplasma genitalium</i> , <i>Mycoplasma hominis</i> , <i>Ureaplasma urealyticum</i> , <i>Ureaplasma parvum</i> , <i>Trichomonas vaginalis</i>	CE-IVD 0123
RQ-127-6M		100 tests		
RQ-107-4M	REALQUALITY RQ-STI CT/NG/MG	50 tests	Detection of <i>Chlamydia trachomatis</i> , <i>Neisseria gonorrhoeae</i> and <i>Mycoplasma genitalium</i>	CE-IVD 0123
RQ-107-6M		100 tests		
RQ-109-4M	REALQUALITY RQ-STI CT	50 tests	Detection of <i>Chlamydia trachomatis</i>	CE-IVD 0123
RQ-109-6M		100 tests		
RQ-71-4M	REALQUALITY RQ-STI CT/NG	50 tests	Detection of <i>Chlamydia trachomatis</i> and <i>Neisseria gonorrhoeae</i>	CE-IVD 0123
RQ-71-6M		100 tests		
RQ-72-4M	REALQUALITY RQ-STI MG/MH	50 tests	Detection of <i>Mycoplasma genitalium</i> and <i>Mycoplasma hominis</i>	CE-IVD
RQ-72-6M		100 tests		
RQ-73-4M	REALQUALITY RQ-STI UU/UP	50 tests	Detection of <i>Ureaplasma urealyticum</i> and <i>Ureaplasma parvum</i>	CE-IVD
RQ-73-6M		100 tests		
RQ-95-4M	REALQUALITY RQ-STI TV	50 tests	Detection of <i>Trichomonas vaginalis</i>	CE-IVD
RQ-95-6M		100 tests		

## HUMAN PAPILLOMAVIRUS

CODE	PRODUCT NAME	PACKAGE	DESCRIPTION	REGULATORY
RQ-123-4M	REALQUALITY RQ-HPV Screen	50 tests	Detection of clinically significant infections from high risk HPVs: 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68. Genotyping of HPV 16 and HPV 18. The kit is clinically validated according to Meyer guidelines	CE-IVD
RQ-123-6M		100 tests		
RQ-97-48	REALQUALITY RQ-HPV HR Multiplex	48 tests	Detection of 14 high-risk Human Papillomavirus genotypes and genotyping of HPV 16 and 18	CE-IVD
RQ-97-96		96 tests		
RQ-99-48	REALQUALITY RQ-HPV HR/LR Multiplex	48 tests	Detection of 14 high-risk, 6 possibly high-risk and 2 low-risk Human Papillomavirus genotypes and genotyping of HPV 6, 11, 16 and 18	CE-IVD
RQ-99-96		96 tests		
RQ-103-48	REALQUALITY RQ-Multi HPV Detection	48 tests	Detection of 14 high-risk, 6 possibly high-risk and 8 low-risk Human Papillomavirus genotypes and genotyping of HPV 16 and 18	CE-IVD
RQ-103-96		96 tests		

## THROMBOPHILIA

CODE	PRODUCT NAME	PACKAGE	DESCRIPTION	REGULATORY
RQ-25-48	REALQUALITY RS-FACTOR V LEIDEN	48 tests	Detection and genotyping of the G1691A mutation (Leiden) in the gene coding for Coagulation Factor V	CE-IVD
RQ-25-96		96 tests		
RQ-111-48	REALQUALITY RS-FACTOR V H1299R	48 tests	Detection and genotyping of the H1299R mutation (haplotype HR2) in the gene coding for Coagulation Factor V	CE-IVD
RQ-111-96		96 tests		
RQ-69-4M	REALQUALITY RQ-FACTOR V Y1702C	50 tests	Detection and genotyping of the Y1702C mutation in the gene coding for Coagulation Factor V	CE-IVD
RQ-69-6M		100 tests		
RQ-27-48	REALQUALITY RS-FACTOR II G20210A	48 tests	Detection and genotyping of the G20210A mutation in the gene coding for Coagulation Factor II	CE-IVD
RQ-27-96		96 tests		
RQ-29-48	REALQUALITY RS-MTHFR C677T	48 tests	Detection and genotyping of the C677T mutation in the gene coding for MTHFR	CE-IVD
RQ-29-96		96 tests		
RQ-31-48	REALQUALITY RS-MTHFR A1298C	48 tests	Detection and genotyping of the A1298C mutation in the gene coding for MTHFR	CE-IVD
RQ-31-96		96 tests		
RQ-119-4M	REALQUALITY RQ-PAI-1 4G/5G	50 tests	Detection and genotyping of the polymorphism -675 4G/5G in the gene coding for the plasminogen activator type 1 inhibitor	CE-IVD
RQ-119-6M		100 tests		
RQ-75-4M	REALQUALITY RQ-ACE (I/D)	50 tests	Detection and genotyping of the insertion/deletion (I/D) polymorphism in the intron 16 of the gene coding for the Angiotensin-Converting Enzyme (ACE)	CE-IVD
RQ-75-6M		100 tests		



## HEMOCHROMATOSIS

CODE	PRODUCT NAME	PACKAGE	DESCRIPTION	REGULATORY
RQ-39-48	REALQUALITY RS-HEMO C282Y	48 tests	Detection and genotyping of the C282Y mutation in the HFE gene	CE-IVD
RQ-39-96		96 tests		
RQ-41-48	REALQUALITY RS-HEMO H63D	48 tests	Detection and genotyping of the H63D mutation in the HFE gene	CE-IVD
RQ-41-96		96 tests		
RQ-43-4M	REALQUALITY RQ-HEMO S65C	50 tests	Detection and genotyping of the S65C mutation in the HFE gene	CE-IVD
RQ-43-6M		100 tests		

## PHARMACOGENETICS

CODE	PRODUCT NAME	PACKAGE	DESCRIPTION	REGULATORY
RQ-87-48	REALQUALITY RS-IL28B rs12979860	48 tests	Detection and genotyping of polymorphism rs12979860 in the gene coding for Interleukin 28B	CE-IVD
RQ-87-96		96 tests		
RQ-91-48	REALQUALITY RQ-IL28B rs8099917	48 tests	Detection and genotyping of polymorphism rs8099917 in the gene coding for Interleukin 28B	CE-IVD
RQ-91-96		96 tests		

## ONCOHEMATOLOGY

CODE	PRODUCT NAME	PACKAGE	DESCRIPTION	REGULATORY
RQ-105-4M	REALQUALITY RQ-BCR-ABL p210 One-Step	50 tests	Detection of translocation t(9;22) (q34;q11), variant p210	CE-IVD
RQ-105-6M		100 tests		
RQ-54-SM	REALQUALITY RQ-BCR-ABL p210 STANDARD	5 x 135 µL	Quantification standards for BCR-ABL p210 (M-bcr), ABL and GUSB transcripts	CE-IVD
05-64-06	BCR-ABL p210 REFERENCE	4 x 15 µL	Reference RNA for molecular assays for identification and/or quantification of the BCR-ABL p210 transcript	CE-IVD
RQ-115-4M	REALQUALITY RQ-BCR-ABL p190 One-Step	50 tests	Detection of translocation t(9;22) (q34;q11), variant p190	CE-IVD
RQ-115-6M		100 tests		
RQ-116-SM	REALQUALITY RQ-BCR-ABL p190 STANDARD	5 x 135 µL	Quantification standards for BCR-ABL p190 (m-bcr) and ABL transcripts	CE-IVD
RQ-57-4M	REALQUALITY RQ-WT-1 One-Step *	50 tests	Detection of Wilms Tumor 1 (WT1) gene transcript	
RQ-57-6M		100 tests		
RQ-58-SM	REALQUALITY RQ-WT-1 STANDARD *	4 x 135 µL	Quantification standards for WT1 and ABL transcripts	
RQ-S59-48	REALQUALITY RQ-AML1-ETO	48 tests	Detection of translocation t(8;21) (q22;q22)	CE-IVD
RQ-S59-96		96 tests		
RQ-60-ST	REALQUALITY RQ-AML1-ETO STANDARD	4 x 60 µL	Quantification standards for AML1-ETO and ABL transcripts	CE-IVD
RQ-S61-48	REALQUALITY RQ-INV 16	48 tests	Detection of inversion inv(16) (p13;q22)	CE-IVD
RQ-S61-96		96 tests		
RQ-62-ST	REALQUALITY RQ-INV 16 STANDARD	4 x 60 µL	Quantification standards for INV-16 and ABL transcripts	CE-IVD
RQ-63-4M	REALQUALITY RQ-PML-RARa bcr1 One-Step *	50 tests	Detection of translocation t(15;17) (q22;q21), variant bcr1	
RQ-63-6M		100 tests		
RQ-64-SM	REALQUALITY RQ-PML-RARa bcr1 STANDARD *	4 x 135 µL	Quantification standards for PML-RARA bcr1 and ABL transcripts	
RQ-67-4M	REALQUALITY RQ-PML-RARa bcr2 One-Step *	50 tests	Detection of translocation t(15;17) (q22;q21), variant bcr2	
RQ-67-6M		100 tests		
RQ-68-SM	REALQUALITY RQ-PML-RARa bcr2 STANDARD *	4 x 135 µL	Quantification standards for PML-RARA bcr2 and ABL transcripts	
RQ-65-4M	REALQUALITY RQ-PML-RARa bcr3 One-Step *	50 tests	Detection of translocation t(15;17) (q22;q21), variant bcr3	
RQ-65-6M		100 tests		
RQ-66-SM	REALQUALITY RQ-PML-RARa bcr3 STANDARD *	4 x 135 µL	Quantification standards for PML-RARA bcr3 and ABL transcripts	

\*Coming soon

## INTERPRETATION SOFTWARE

CODE	PRODUCT NAME	DESCRIPTION
08-GNS-REP	AB Genius Report	Software for automated interpretation of data from qualitative and quantitative analysis by Real-Time PCR
08-SNP-REP	AB SNP Report	Software for automated interpretation of data from allelic discrimination analysis by Real-Time PCR

## REVERSE LINE BLOT

**Reverse Line Blot** kits come with ready-to-use reagents for amplification and visualization, including internal and positive controls. The visualization protocol can be done with manual or automatic instruments. The kits come with an **analysis software** that make the interpretation of the result simple and fast.

### HEPATITIS C VIRUS

CODE	PRODUCT NAME	PACKAGE	DESCRIPTION	REGULATORY
03-05-20 M	AMPLIQUALITY HCV TYPE PLUS	20 tests Manual format	Detection of genotypes 1-7 of Hepatitis C virus (HCV) and subtypes a and b of genotype 1, using reverse transcription, amplification and Reverse Line Blot of the 5'UTR and CORE regions. The system can identify the following genotypes and subtypes of HCV: 1, 1a, 1b, 2, 2a, 2c, 2b, 3, 3a, 3b / g / i, 3c, 3f / k, 3h, 4, 4a / b / c / d / f, 4e, 4h / k, 4m, 4n, 4q, 4r, 4v, 5a, 6, 6a / b, 6c, ev, 7a. Interpretation software included	CE-IVD 0123
03-05-20 A		20 tests Automatic format		

### HUMAN PAPILLOMAVIRUS

CODE	PRODUCT NAME	PACKAGE	DESCRIPTION	REGULATORY
03-35A-20	AMPLIQUALITY HPV-TYPE EXPRESS v3.0	20 tests	Detection of Human Papillomavirus using Multiplex PCR and Reverse Line Blot. The system can identify the following 40 HPV genotypes: 6, 11, 16, 18, 26, 31, 33, 35, 39, 40, 42, 43, 44, 45, 51, 52, 53, 54, 55, 56, 58, 59, 61, 62, 64, 66, 67, 68 (a and b), 69, 70, 71, 72, 73, 81, 82, 83, 84, 87, 89, 90	CE-IVD
08-RLB-32	HPV-TYPE EXPRESS Strip Reader	1 CD	Software for analysis and interpretation of results	CE-IVD

### CELIAC DISEASE

CODE	PRODUCT NAME	PACKAGE	DESCRIPTION	REGULATORY
02-14A-20	GENEQUALITY CD-TYPE v2.0	20 tests	Detection of genetic susceptibility to celiac disease using Multiplex PCR and Reverse Line Blot. Mastermix format. Interpretation software included.	CE-IVD 0123

### THROMBOPHILIA

CODE	PRODUCT NAME	PACKAGE	DESCRIPTION	REGULATORY
04-71A-20	GENEQUALITY AB-THROMBO TYPE PLUS	20 tests	Detection of mutations in genes coding Factor V Leiden, G1691A (Arg505Gln); Factor II, G20210A; MTHFR C677T; MTHFR A1298C; PAI-1 4G/5G; Factor V(HR2) H1299R by Multiplex PCR and Reverse Line Blot	CE-IVD

### MICRODELETIONS OF THE Y CHROMOSOME

CODE	PRODUCT NAME	PACKAGE	DESCRIPTION	REGULATORY
04-18A-20	GENEQUALITY AZF Y-TYPE	20 tests	Detection of deletions in the AZF locus by Multiplex PCR and Reverse Line Blot	CE-IVD

### PHARMACOGENETICS

CODE	PRODUCT NAME	PACKAGE	DESCRIPTION	REGULATORY
04-47A-20	GENEQUALITY IL28B-ITPA TYPE	20 tests	Detection and genotyping of polymorphisms in IL28B and ITPA genes by Reverse Line Blot	CE-IVD
04-74A-20	GENEQUALITY AB WARFARIN TYPE	20 tests	Detection and genotyping of polymorphisms in CYP2C9, CYP4F2 and VKORC1 genes by Reverse Line Blot	CE-IVD

## END-POINT PCR

The **End-Point PCR** kits come with ready-to-use reagents, including controls and reagents for gel electrophoresis. The **Amplification Reagents** format, code R, does not include reagents for gel electrophoresis and it is available on request.

### MICRODELETIONS OF THE Y CHROMOSOME

CODE	PRODUCT NAME	PACKAGE	DESCRIPTION	REGULATORY
04-23A-12	GENEQUALITY AZF-MX	12 tests	Detection of deletions in the AZF locus. Kit compliant with European guidelines	CE-IVD
04-23A-25		24 tests		

### PHARMACOGENETICS

CODE	PRODUCT NAME	PACKAGE	DESCRIPTION	REGULATORY
04-76A-25	GENEQUALITY HLA-B*57:01	25 tests	Detection of HLA-B*57:01 genotype in subjects with pharmacogenetic risk for the use of Abacavir	RUO
04-76A-50		50 tests		

### EXTRACTION OF NUCLEIC ACIDS

CODE	PRODUCT NAME	PACKAGE	DESCRIPTION	REGULATORY
04-X18-50	GENEQUALITY Lysis Buffer SW	50 tests	Rapid extraction of viral and bacterial DNA from swabs and urine	CE-IVD
04-X18-100		100 tests		

## FERTILITY

### ANALYSIS OF SEMINAL FLUID

Ready-to-use solutions for treatment or staining of sperm cells on glass slides for microscopic analysis.

CODE	PRODUCT NAME	PACKAGE	DESCRIPTION	REGULATORY
00-01R-50	FERTILITY LIFE TEST	50 tests	Test for identification of living spermatozoa independent of motility	CE-IVD
00-02R-50	FERTILITY SWELLING TEST	50 tests	Test for assessment of the membrane integrity of sperm cells	CE-IVD
00-03R-50	FERTILITY HISTON COLOR TEST	50 tests	Test for assessment of the maturation state of sperm cells by staining of histones in the cell nucleus	CE-IVD
00-04R-50	FERTILITY DECON TEST	50 tests	Test for assessment of the maturation state of sperm cells by analysis of the chromosome-decondensation process in the cell nucleus	CE-IVD
00-05R-50	FERTILITY ROUND CELL TEST	50 tests	Test for screening for "round cells" (e.g. leukocytes) in seminal fluid. Allows distinction of sperm cells and leukocytes	CE-IVD
00-06R-50	FERTILITY CUSTOM SERVICE	50 tests	Kit containing the solutions of LIFE TEST, SWELLING TEST, HISTON COLOR TEST, DECON TEST and ROUND CELL TEST. Each solution is sufficient for 10 tests	CE-IVD



# INSTRUMENTATIONS

## AUTOMATIC EXTRACTION AND PCR SETUP



### GENEQUALITY® X120



### and

### GENEQUALITY® X120 Track

GENEQUALITY X120® is a **completely automated CE IVD walk-away system** to perform routine molecular diagnostics, optimizing efficiency and versatility

- DNA and RNA purification from different types of matrices in the same run, starting from the primary tube
- Up to 64 biological samples processed simultaneously, from sample loading to Real-Time PCR plate setup with previously selected assays (up to 24 at the same time)
- Extraction protocol is based on magnetic beads with preloaded cartridges
- Full traceability of the entire workflow
- Touch screen interface software
- Decontamination control with the integrated UV lamp
- Direct exportation of PCR configuration files
- Bidirectional interface to the laboratory management system
- GENEQUALITY® X120 Track version comes with the biobanking function and integrated 2D barcode reader for sample traceability in specific plates designed for biobanking storage

CODE	PRODUCT	DESCRIPTION
08-20-48	GENEQUALITY® X120	Platform for 64 simultaneous extractions
08-21-48	GENEQUALITY® X120 Track	Platform for 64 simultaneous extractions with labware and biobanking management
04-X12-96	GENEQUALITY® X120 Pathogen kit	Purification kit of viral DNA/RNA and bacteria DNA from different biological matrices. Format 96 tests.
04-X10-96	GENEQUALITY® X120 Blood kit	Purification kit of genomic DNA from human whole blood. Format 96 tests.
05-78-04	IC DNA	Internal control DNA (4.2 mL)
05-76-04	IC RNA	Internal control RNA (4.2 mL)

\* Please ask for product availability in your country

## REAL-TIME PCR

### AriaDx

Real-Time PCR instrument is available with up to 6 channels, configurable on-site with optical modular cartridges (**Agilent Technologies**).

- Led optical technology
- Ready-to-go system, no calibration needed
- Intuitive programming with touchscreen interface
- Standardization can be made with reference dye (ROX™)
- Optical channels can be upgraded



CODE	PRODUCT	DESCRIPTION
08-ARDX-01	AriaDx	Real-Time PCR instrument with 4 channels (SYBR/FAM, ROX, HEX, CY5)
08-ARDX-02	AriaDx	Real-Time PCR instrument with 5 channels (SYBR/FAM, ROX, HEX, CY5, CY3)
08-ARDX-03	AriaDx	Real-Time PCR instrument with 6 channels (SYBR/FAM, ROX, HEX, CY5, CY3, ATTO425)

Further configurations of the instrument's optical channels are available on request

### ARIA DX disposables

CODE	PACKAGE	DESCRIPTION
AB-4TI-0740	50 pz	96 well plates, 0,15 mL Volume
AB-4TI-0751	300 pz	Optic cap strips

## REVERSE LINE BLOT



### AUTOBLOT 3000H

Instrument for complete automation of Reverse Line Blot protocols.

- 1 to 20 strips
- Six precision peristaltic pumps
- Dispensing of six reagents per channel
- Up to 15 user-defined protocols
- Heated platform, magnetic stirrer
- Ventilation for forced cooling of the tray

CODE	PRODUCT	DESCRIPTION
08-MAB3000H	AUTOBLOT 3000H	Instrument for automating Reverse Line Blot protocols
AB-MAB21/25W	Strip Tray	Strip trays



### THERMOSHAKER PST

Dry thermal shaker for manual Reverse Line Blot protocols.

- 1 to 16 strips
- Portable and functional
- Temperature setting range +25°C to +60°C
- Setting of the rotation speed
- Speed control range: 250-1200 RPM
- Orbit 2mm

CODE	PRODUCT	DESCRIPTION
08-PST-60-HL	THERMOSHAKER PST	Dry thermal shaker

# BREATH TEST SOLUTIONS

## BREATHQUALITY UBT

### **13C-UREA BREATH TEST FOR THE DIAGNOSIS OF HELICOBACTER PYLORI**

Single-dose oral solution (75 mg <sup>13</sup>C urea/10 mL), for in vivo diagnosis of *Helicobacter pylori* infections in adults and children.

- In liquid form
- Ready-to-use
- Complete
- Authorized for pediatric use
- No Preservatives, colorants and flavors
- Tested for allergic reactions



CODE	PRODUCT NAME	PACKAGE	DESCRIPTION
11-75-00	BREATHQUALITY-UBT Oral solution, single dose (75 mg <sup>13</sup> C urea/10 mL)	1 test	Breath test for in vivo diagnosis of gastroduodenal infection by <i>Helicobacter pylori</i>

BREATHQUALITY-UBT is a medicinal product. ATC CODE: V04CX (pharmacotherapeutic group "other diagnostics")

### **ACCESSORIES FOR BREATH TESTING**

Kit content:

#### **TEST TUBES FOR BREATH TEST:**

- 2 glass vials (12 mL) with blue cap, labeled (BASE-)
- 2 glass vials (12 mL) with red cap, labeled (POST-)

The vials have a flat base, a silicon coating baked onto the inside wall of the vial, giving a clearer visible breath sample without interfering with the analysis, and a screw-cap with pierceable rubber septum. Suitable for analysis with Mass Spectrometer and Infrared Analyzer. Conform to Directive 98/79/EC on in vitro diagnostic medical devices.

#### **STRAWS:**

- 2 straws in Polypropylene (PP)

Conform to directives 93/42/EEC and 2007/47/EC (Class I Medical Device)



### **OTHER 13C BREATH TESTS**

CODE	PRODUCT NAME	DESCRIPTION
13-01A-75	AB 13C-AMINOPIRINA	<sup>13</sup> C Aminopyrine: Substrate for study of liver function
13-02A-75	AB 13C-METACETINA	<sup>13</sup> C Methacetin: Substrate for study of liver function
13-07A-250	AB 13C-TRIGLICERIDI MISTI	Mixed <sup>13</sup> C triglycerides: Substrate for study of pancreatic lipase activity in the duodenum
13-09A-100	AB 13C-ACIDO OTTANOICO	<sup>13</sup> C Octanoic Acid: Substrate for evaluation of gastric emptying
13-13A-15	AB 13C-LATTOSIO	<sup>13</sup> C Lactose: Substrate for lactose intolerance test

\* All products are supplied with accessories for performing the test.

## BREATH ANALYZERS FOR DETERMINATION OF THE $^{13}\text{C}/^{12}\text{C}$ ISOTOPE RATIO

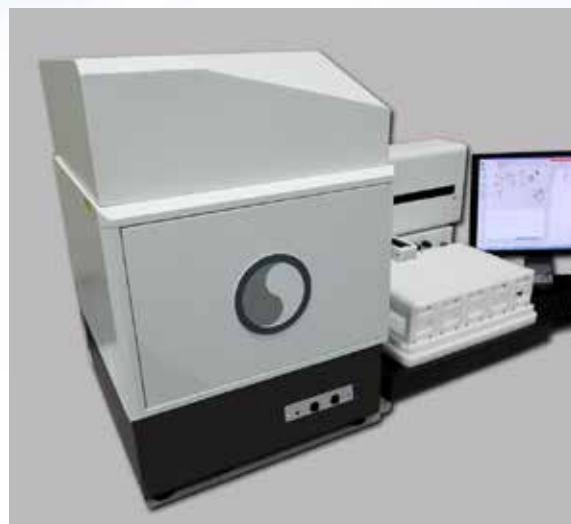
CE IVD

### ABCA $^{13}\text{C}$ ANALYZER \*

ISOTOPE-RATIO MASS SPECTROMETER (IRMS)  
FOR BREATH ANALYSIS

CODE	PRODUCT NAME	DESCRIPTION
08-35-01	ABCA Automated Breath Carbon Analyzer	Mass spectrometer for $^{13}\text{C}/^{12}\text{C}$ -isotope-ratio analysis in breath samples, with autosampler

\* Please ask for product availability in your country



CE IVD

### HELIFANPLUS \*

INFRARED ANALYZER  
FOR BREATH ANALYSIS

CODE	PRODUCT NAME	DESCRIPTION
08-28A-00	HeliFANplus Infrared Analyser	Infrared Analyzer for $^{13}\text{C}/^{12}\text{C}$ -isotope-ratio analysis (NDIRS) in breath samples, with FAN as autosampler

\* Please ask for product availability in your country



## RAPID TEST FOR DETECTION OF HELICOBACTER PYLORI

CODE	PRODUCT NAME	PACKAGE	DESCRIPTION	REGULATORY
21-80R-50	AB HP UREASI TEST	50 tests	Liquid urease test for detection of <i>Helicobacter Pylori</i> in gastric tissue biopsy	CE-IVD
21-80R-100		100 tests		



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