



Catalogue 2023

About us

AB ANALITICA was one of the first Italian companies to operate in the field of molecular diagnostics and today boasts over 30 years of experience in the design, development, production and marketing of in vitro diagnostics.

A long journey, in step with the rapid evolution of this sector, without ever losing sight of the goals we set for our customers: Innovation, qualified Assistance, certified Safety and Quality.



Design, Development and Innovation

We are proud to be one of the few national companies with its own Research and Development division, comprised of experts in medical biotechnology, engineering, information technology and pharmacogenetics. The synergy between our researchers and product specialists enable us to provide competitive and effective solutions to our customers. Continuous dialogue with our customers and a focus on Innovation have allowed us in recent years to renew our portfolio with products and solutions in automation that are increasingly close to users' needs.

"We produce valuable solutions, at the service of better diagnostics. Every day we innovate, imagine alternatives and grow alongside our customers"

Production

Our in vitro diagnostics (IVD) are produced at our headquarters in Padua, 2600 m² of laboratories are reserved for the Production and Research Departments. The entire production cycle is subjected to strict quality controls. There are two other offices dedicated to research and design: AREA SCIENCE PARK in Padriciano - Trieste (TS) and one in Modugno - Bari (BA).

Quality

The quality of our service and our products is ensured by the UNI EN ISO 9001 and UNI CEI EN ISO 13485 certifications for the design, development, production and marketing of in vitro diagnostic medical devices (IVD), instrumentation and software, as well as from the certification of our Quality Management System in accordance with art. 10(8) of Regulation (EU) 2017/746 relating to in vitro diagnostic medical devices.

AB ANALITICA for the certification procedures makes use of the Notified Body TÜV SÜD (0123).

CERTIFICATO

Nr. 50 100 5732/A - Rev.007

SI ATTESTA CHE / THIS IS TO CERTIFY THAT
IL SISTEMA DI GESTIONE PER LA QUALITÀ DI
THE QUALITY MANAGEMENT SYSTEM OF

AB ANALITICA S.r.l.

AB ANALITICA
ADVANCED BIOMEDICINE

SEDE LEGALE E OPERATIVA:
REGISTERED OFFICE AND OPERATIONAL SITE:
**VIA SVIZZERA 16
IT - 35127 PADOVA (PD)**

È CONFORME AI REQUISITI DELLA NORMA
HAS BEEN FOUND TO COMPLY WITH THE REQUIREMENTS OF

UNI EN ISO 9001:2015

QUESTO CERTIFICATO È VALIDO PER IL SEGUENTE CAMPO DI APPLICAZIONE
THIS CERTIFICATE IS VALID FOR THE FOLLOWING SCOPE OF APPLICATION

Progettazione, sviluppo, produzione e immissione in commercio di dispositivi medico diagnostici in vitro (reagenti, calibratori e controlli per indagini infettivologiche, genetiche, oncologiche, citologiche e chimico cliniche).
Progettazione, sviluppo, gestione della produzione, immissione in commercio ed assistenza tecnica di strumenti per diagnostica in vitro e software per il trattamento di dati relativi alla diagnostica in vitro. Commercializzazione di dispositivi medico diagnostici in vitro (reagenti, calibratori e controlli) e commercializzazione ed assistenza tecnica di strumenti per diagnostica in vitro in ambito infettivologico, genetico, oncologico, citologico e chimico clinico. Progettazione, sviluppo, gestione della produzione e commercializzazione di breath test. Erogazione di servizi di laboratorio per analisi chimico cliniche (IAF 12, 13, 19, 38)
Design, development, production and placing on the market of in vitro diagnostic medical devices (reagents, calibrators and controls for Infectiology, Genetics, Oncology, Cytology and Clinical Chemistry). Design, development, management of production, placing on the market and servicing of instruments for in vitro diagnostics and software for the management of in vitro diagnostics data. Trade of in vitro diagnostic medical devices (reagents, calibrators and controls) and trade and servicing of instruments for in vitro diagnostics in Infectiology, Genetics, Oncology, Cytology and Clinical Chemistry. Design, development, management of production and trade of breath test. Provision of laboratory services for clinical chemistry analysis (IAF 12, 13, 19, 38)

Per l'Organismo di Certificazione
For the Certification Body
TÜV Italia S.r.l.

Validità / Validity
Dal / From: **2021-03-31**
Al / To: **2024-03-30**

SGQ N° 048A

Indirizzo degli Account di Mutuo Riconoscimento
CA, IAF e LAC
Signatory of CA, IAF and LAC Mutual
Recognition Agreements

Andrea Coscia
Direttore Divisione Business Assurance
Business Assurance Division Manager
Data emissione / Issuing Date
2021-03-30

PRIMA CERTIFICAZIONE / FIRST CERTIFICATION: 2006-04-13

"LA VALIDITÀ DEL PRESENTE CERTIFICATO È SUBORDINATA A SORVEGLIANZA PERIODICA A 12 MESI E AL RISERVA COMPLETO DEL SISTEMA DI GESTIONE AZIENDALE CON PERIODICITÀ TRIENNALE"
"THE VALIDITY OF THE PRESENT CERTIFICATE DEPENDS ON THE ANNUAL SURVEILLANCE EVERY 12 MONTHS AND ON THE COMPLETE REVIEW OF COMPANY'S MANAGEMENT SYSTEM AFTER THREE YEARS"

TÜV Italia • Gruppo TÜV SÜD • Via Carducci 125, Pal. Z3 • 33099 Sesto San Giovanni (MI) • Italia • www.tuvitalia.com/it

CERTIFICATO

Nr. 50 100 5732/B - Rev.008

Si attesta che / This is to certify that

IL SISTEMA QUALITÀ DI
THE QUALITY SYSTEM OF

AB ANALITICA S.r.l.

AB ANALITICA
ADVANCED BIOMEDICINE

SEDE LEGALE E OPERATIVA:
REGISTERED OFFICE AND OPERATIONAL SITE:
**VIA SVIZZERA 16
IT - 35127 PADOVA (PD)**

È CONFORME AI REQUISITI DELLA NORMA
HAS BEEN FOUND TO COMPLY WITH THE REQUIREMENTS OF

UNI CEI EN ISO 13485:2016

SISTEMI QUALITÀ – DISPOSITIVI MEDICALI
QUALITY SYSTEMS – MEDICAL DEVICES

QUESTO CERTIFICATO È VALIDO PER IL SEGUENTE CAMPO DI APPLICAZIONE
THIS CERTIFICATE IS VALID FOR THE FOLLOWING SCOPE

Progettazione, sviluppo, produzione e immissione in commercio di dispositivi medico diagnostici in vitro (reagenti, calibratori e controlli per indagini infettivologiche, genetiche, oncologiche, citologiche e chimico cliniche).
Progettazione, sviluppo, gestione della produzione, immissione in commercio ed assistenza tecnica di strumenti per diagnostica in vitro e software per il trattamento di dati relativi alla diagnostica in vitro. Commercializzazione di dispositivi medico diagnostici in vitro (reagenti, calibratori e controlli) e commercializzazione ed assistenza tecnica di strumenti per diagnostica in vitro in ambito infettivologico, genetico, oncologico, citologico e chimico clinico
Design, development, production and placing on the market of in vitro diagnostic medical devices (reagents, calibrators and controls for Infectiology, Genetics, Oncology, Cytology and Clinical Chemistry). Design, development, management of production, placing on the market and servicing of instruments for in vitro diagnostics and software for the management of in vitro diagnostics data. Trade of in vitro diagnostic medical devices (reagents, calibrators and controls) and trade and servicing of instruments for in vitro diagnostics in Infectiology, Genetics, Oncology, Cytology and Clinical Chemistry

Per l'Organismo di Certificazione
For the Certification Body
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"THE VALIDITY OF THE PRESENT CERTIFICATE DEPENDS ON THE ANNUAL SURVEILLANCE EVERY 12 MONTHS AND ON THE COMPLETE REVIEW OF COMPANY'S MANAGEMENT SYSTEM AFTER THREE YEARS"

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Product Service

EU Quality Management System Certificate (IVDR)

Pursuant to Regulation (EU) 2017/746 on in Vitro Diagnostic Medical Devices, Annex IX Chapters I and III (Class C and B Devices excluding self-/near-patient-testing and Companion Diagnostics)

No. V12 058438 0015 Rev. 00

Manufacturer: **AB ANALITICA Srl**
Via Svizzera, 16
35127 Padova
ITALY

SRN Manufacturer: Not available at issuance date of this certificate

The Certification Body of TÜV SÜD Product Service GmbH certifies that the manufacturer has established, documented and implemented a quality management system as described in Article 10 (8) of the Regulation (EU) 2017/746 on in Vitro Diagnostic Medical Devices. Details on devices covered by the quality management system are described on the following page(s). The Report referenced below summarizes the result of the assessment and includes reference to relevant CS, harmonized standards, audit and test reports. The conformity assessment has been carried out according to Annex IX Chapter I and III of this regulation with a positive result. The quality management system assessment was accompanied by the assessment of technical documentation for devices selected on a representative basis. The certified quality management system is subject to periodical surveillance by TÜV SÜD Product Service GmbH. The surveillance assessment includes an assessment of the technical documentation for the device or devices concerned on the basis of further representative samples. For details and certificate validity see: www.tuvsud.com/ps-cert?q=cert:V12 058438 0015 Rev. 00

Report No.: ITA1691857
Valid from: 2022-09-28
Valid until: 2027-09-27

Christoph Dicks
Head of Certification/Notified Body

Issue date: 2022-09-28



Product Service

EU Quality Management System Certificate (IVDR)

Pursuant to Regulation (EU) 2017/746 on in Vitro Diagnostic Medical Devices, Annex IX Chapters I and III (Class C and B Devices excluding self-/near-patient-testing and Companion Diagnostics)

No. V12 058438 0015 Rev. 00

Classification: C
Device Group: W0105 - INFECTIOUS DISEASES
IVP Code: IVP 3011 - In vitro diagnostic devices which require knowledge regarding molecular biological testing including nucleic acid assays and next generation sequencing (NGS)

Intended Purpose: IVR 0503 - Devices intended to be used to detect the presence of, or exposure to an infectious agent including sexually transmitted agents

Classification: B
Device Group: W0105 - INFECTIOUS DISEASES
Intended Purpose: IVR 0503 - Devices intended to be used to detect the presence of, or exposure to an infectious agent including sexually transmitted agents

Classification: C
Device Group: W0106 - GENETIC TESTING
IVP Code: IVP 3011 - In vitro diagnostic devices which require knowledge regarding molecular biological testing including nucleic acid assays and next generation sequencing (NGS)

Intended Purpose: IVR 0401 - Devices intended to be used in screening/confirmation of congenital/inherited disorders

The validity of this certificate depends on conditions and/or is limited to the following:

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REALQUALITY
Real Time PCR



Attention! Please specify the Real-Time PCR system the client uses with every order.

For most kits:

Qualitative and quantitative essays.

PKG: 50/100 - 48/96 tests.

Stability of kits up to 18 months.

Most assays require 5 μ L of extracted nucleic acid.

dUTP/UNG system for contamination prevention.

Endogenous internal control (IC) in multiplex with the pathogen target.

Internal control to be included in the extraction step for acellular matrices.





Rejection and infection are the main causes of transplant failure and are two intimately associated and interdependent processes. Immunosuppressive therapies create a favorable condition for the onset of infectious processes and it is therefore extremely important to monitor the patient periodically before and after the transplant to prevent the occurrence of rejection.

Product	Description	Code	Pkg	Application
REALQUALITY RQ-CMV	Kit for detection of Cytomegalovirus	RQ-09-4M	50 tests	Manual
		RQ-09-6M	100 tests	
	Quantification standards for <i>Cytomegalovirus</i>	RQ-10-SM	12 runs	Manual
REALQUALITY RQ-EBV	Kit for detection of Epstein-Barr virus	RQ-11-4M	50 tests	Manual
		RQ-11-6M	100 tests	
	Quantification standards for <i>Epstein-Barr virus</i>	RQ-122-SM	12 runs	Manual
REALQUALITY RS-HSV 1	Kit for detection of Herpes simplex virus type 1	RQ-05-4M	50 tests	Manual
		RQ-05-6M	100 tests	
	Quantification standards for <i>Herpes simplex virus type 1</i>	RQ-06-SM	12 runs	Manual
REALQUALITY RS-HSV 2	Kit for detection of Herpes simplex virus type 2	RQ-07-4M	50 tests	Manual
		RQ-07-6M	100 tests	
	Quantification standards for <i>Herpes simplex virus type 2</i>	RQ-108-SM	12 runs	Manual
REALQUALITY RS-HHV 6	Kit for detection of Human herpes virus type 6	RQ-15-4M	50 tests	Manual
		RQ-15-6M	100 tests	
	Quantification standards for <i>Human herpes virus type 6</i>	RQ-16-SM	12 runs	Manual
REALQUALITY RQ-HHV 7	Kit for detection of Human herpes virus type 7	RQ-19-4M	50 tests	Manual
		RQ-19-6M	100 tests	
	Quantification standards for <i>Human herpes virus type 7</i>	RQ-20-SM	12 runs	Manual
REALQUALITY RQ-HHV 8	Kit for detection of Human herpes virus type 8	RQ-17-4M	50 tests	Manual
		RQ-17-6M	100 tests	
	Quantification standards for <i>Human herpes virus type 8</i>	RQ-18-SM	12 runs	Manual

Product	Description	Code	Pkg	Application
REALQUALITY RS-VZV	Kit for detection of Varicella-zoster virus	RQ-35-4M	50 tests	Manual
		RQ-35-6M	100 tests	
	Quantification standards for Varicella-zoster virus	RQ-36-SM	12 runs	Manual
REALQUALITY RQ-PARVO B19	Kit for detection of Parvovirus B19	RQ-37-4M	50 tests	Manual
		RQ-37-6M	100 tests	
	Quantification standards for Parvovirus B19	RQ-38-SM	12 runs	Manual
REALQUALITY RQ-BKV	Kit for detection of BK virus	RQ-49-4M	50 tests	Manual
		RQ-49-6M	100 tests	
	Quantification standards for BK virus	RQ-50-SM	12 runs	Manual
REALQUALITY RQ-JCV	Kit for detection of JC virus	RQ-83-4M	50 tests	Manual
		RQ-83-6M	100 tests	
	Quantification standards for JC virus	RQ-84-SM	12 runs	Manual
REALQUALITY RQ-MBT Complex	Kit for detection of Mycobacterium tuberculosis complex	RQ-85-4M	50 tests	Manual
		RQ-85-6M	100 tests	
	Quantification standards for Mycobacterium tuberculosis complex	RQ-86-SM	12 runs	Manual
REALQUALITY RQ-ENTERO	Kit for detection of Enterovirus	RQ-89-4M	50 tests	Manual
		RQ-89-6M	100 tests	
	Quantification standards for Enterovirus	RQ-90-SM	12 runs	Manual
REALQUALITY RQ-ADENO	Kit for detection of Adenovirus	RQ-93-4M	50 tests	Manual
		RQ-93-6M	100 tests	
	Quantification standards for Adenovirus	RQ-94-SM	12 runs	Manual
REALQUALITY RQ-TOXO	Kit for detection of Toxoplasma gondii	RQ-117-4M	50 tests	Manual
		RQ-117-6M	100 tests	
REALQUALITY RQ-ResP-PnJ *	Identification and quantification (standards included) of Pneumocystis jirovecii	RQ-150-6M	96 tests	Manual

* Lyophilized format



Meningitis and encephalitis are acute inflammatory diseases affecting the central nervous system. They are often very serious and can be due to various etiological agents of viral, bacterial, fungal or parasitic origin. The rapidity in the diagnosis of meningitis/encephalitis and the patient's prognosis are closely related and the Real-Time PCR technology enables rapid and efficient diagnosis.

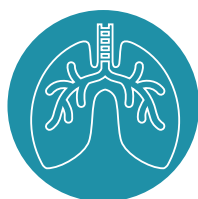
Product	Description	Code	Pkg	Application
REALQUALITY RQ-CMV	Kit for detection of Cytomegalovirus	RQ-09-4M	50 tests	Manual
		RQ-09-6M	100 tests	
	Quantification standards for Cytomegalovirus	RQ-10-SM	12 runs	Manual
REALQUALITY RQ-EBV	Kit for detection of Epstein-Barr virus	RQ-11-4M	50 tests	Manual
		RQ-11-6M	100 tests	
	Quantification standards for Epstein-Barr virus	RQ-122-SM	12 runs	Manual
REALQUALITY RS-HSV 1	Kit for detection of Herpes simplex virus type 1	RQ-05-4M	50 tests	Manual
		RQ-05-6M	100 tests	
	Quantification standards for Herpes simplex virus type 1	RQ-06-SM	12 runs	Manual
REALQUALITY RS-HSV 2	Kit for detection of Herpes simplex virus type 2	RQ-07-4M	50 tests	Manual
		RQ-07-6M	100 tests	
	Quantification standards for Herpes simplex virus type 2	RQ-108-SM	12 runs	Manual
REALQUALITY RS-HHV 6	Kit for detection of Human herpes virus type 6	RQ-15-4M	50 tests	Manual
		RQ-15-6M	100 tests	
	Quantification standards for Human herpes virus type 6	RQ-16-SM	12 runs	Manual
REALQUALITY RQ-HHV 7	Kit for detection of Human herpes virus type 7	RQ-19-4M	50 tests	Manual
		RQ-19-6M	100 tests	
	Quantification standards for Human herpes virus type 7	RQ-20-SM	12 runs	Manual
REALQUALITY RS-VZV	Kit for detection of Varicella-zoster virus	RQ-35-4M	50 tests	Manual
		RQ-35-6M	100 tests	
	Quantification standards for Varicella-zoster virus	RQ-36-SM	12 runs	Manual

Meningitis/Encephalitis

Product	Description	Code	Pkg	Application
REALQUALITY RQ-ADENO	Kit for detection of Adenovirus	RQ-93-4M	50 tests	Manual
		RQ-93-6M	100 tests	
	Quantification standards for <i>Adenovirus</i>	RQ-94-SM	12 runs	Manual
REALQUALITY RQ-ENTERO	Kit for detection of Enterovirus	RQ-89-4M	50 tests	Manual
		RQ-89-6M	100 tests	
	Quantification standards for <i>Enterovirus</i>	RQ-90-SM	12 runs	Manual
REALQUALITY RQ-PARVO B19	Kit for detection of Parvovirus B19	RQ-37-4M	50 tests	Manual
		RQ-37-6M	100 tests	
	Quantification standards for <i>Parvovirus B19</i>	RQ-38-SM	12 runs	Manual
REALQUALITY RQ-ResP-HNS *	Identification of <i>Haemophilus influenzae</i>, <i>Neisseria meningitidis</i> and <i>Streptococcus pneumoniae</i>	RQ-151-6M	96 tests	Manual
REALQUALITY RQ-Meningo Bact *	Identification of <i>Streptococcus agalactiae</i>, <i>Listeria monocytogenes</i> and <i>Escherichia coli</i>	RQ-152-6M	96 tests	Manual

* Lyophilized format

Respiratory infections



The respiratory system, due to its enormous surface area of contact with the external environment, is particularly exposed to infections and the consequent diseases are by far the most frequent pathologies.

Identification of the possible etiological agent is essential for the resolution of the pathology and the setting of the most appropriate therapy.

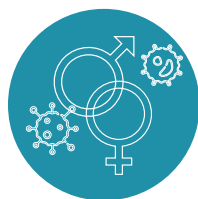
Product	Description	Code	Pkg	Application
REALQUALITY RQ-ADENO	Kit for detection of Adenovirus	RQ-93-4M	50 tests	Manual
		RQ-93-6M	100 tests	
	Quantification standards for <i>Adenovirus</i>	RQ-94-SM	12 runs	Manual
REALQUALITY RQ-MBT Complex	Kit for detection of <i>Mycobacterium tuberculosis complex</i>	RQ-85-4M	50 tests	Manual
		RQ-85-6M	100 tests	
	Quantification standards for <i>Mycobacterium tuberculosis complex</i>	RQ-86-SM	12 runs	Manual

Respiratory infections

Product	Description	Code	Pkg	Application
REALQUALITY RQ-ResP-PnJ *	Identification and quantification (standard included) of <i>Pneumocystis jirovecii</i>	RQ-150-6M	96 tests	Manual
REALQUALITY RQ-ResP-BORD *	Kit for detection of <i>Bordetella pertussis</i> , <i>Bordetella parapertussis</i> and <i>Bordetella holmesii</i>	RQ-147-6M	96 tests	Manuale
REALQUALITY RQ-ResP-HSM *	Kit for detection of <i>Haemophilus influenzae</i> , <i>Streptococcus pneumoniae</i> and <i>Moraxella catarrhalis</i>	RQ-148-6M	96 tests	Manual
REALQUALITY RQ-ResP-HNS *	Kit for detection of <i>Haemophilus influenzae</i> , <i>Neisseria meningitidis</i> and <i>Streptococcus pneumoniae</i>	RQ-151-6M	96 tests	Manual
REALQUALITY RQ-ENTERO	Kit for detection of <i>Enterovirus</i> Quantification standards for <i>Enterovirus</i>	RQ-89-4M	50 tests	Manual
		RQ-89-6M	100 tests	
		RQ-90-SM	12 runs	
REALQUALITY RQ-Sars-CoV-2	Identification of the RdRP and S genes of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)	RQ-130-4M	50 tests	Manual
		RQ-130-6M	100 tests	
REALQUALITY Sars-CoV-2 5G	Identification of the ORFlab, N and S genes of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)	RQ-140-4M	50 tests	Manual
		RQ-140-6M	100 tests	
REALQUALITY ABFlu-CoV-2	Identification of respiratory viruses SARS-CoV-2, Influenza A and Influenza B	RQ-131-4M	50 tests	Manual
		RQ-131-6M	100 tests	
REALQUALITY ResP-Aria	Identification of respiratory viruses severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), Influenza A, Influenza B and respiratory syncytial virus (RSV)	RQ-133-6M	100 tests	Manual
REALQUALITY ResP-REM	Kit for detection of respiratory syncytial virus (RSV), metapneumovirus (MPV) and enterovirus (EV)	RQ-134-6M	100 tests	Manual
REALQUALITY RQ-InFLU-Typing *	Identification of Influenza A (H1N1) pdm09, H3N2, H5N1 and H7N9 subtypes	RQ-141-6M	96 tests	Manual
REALQUALITY RQ-P-InFLU *	Identification of Parainfluenza 1, Parainfluenza 2, Parainfluenza 3 and Parainfluenza 4	RQ-142-4M	48 tests	Manual
REALQUALITY RQ-ResP-AMB *	Kit for detection of Adenovirus, Metapneumovirus and Bocavirus	RQ-143-6M	96 tests	Manual
REALQUALITY RQ-ResP-RhinEV *	Kit for detection of Rhinovirus and Enterovirus	RQ-144-6M	96 tests	Manual
REALQUALITY RQ-Mers-CoV *	Kit for detection of MERS Coronavirus (MERS-CoV)	RQ-145-4M	48 tests	Manual
REALQUALITY RQ-h-CoVs *	Kit for detection of Coronavirus 229E, NL63, OC43, HKU1	RQ-146-6M	96 tests	Manual
REALQUALITY RQ-GAS *	Kit for detection of Streptococcus pyogenes (group A (beta-hemolytic) Streptococcus (Strep-A))	RQ-149-6M	96 tests	Manual

* Lyophilized format

HPV and other Sexually Transmitted Infections (STIs)



Sexually Transmitted Infections (STIs) are a group of infectious diseases that are widespread worldwide and can cause acute symptoms, chronic infections and serious long-term complications for millions of people each year. Today, several pathogens, including bacteria, viruses, fungi and parasites, are known to be responsible for STIs. Rapid diagnosis is important, both to define the right therapy for the patient and to prevent possible complications and to avoid transmission to others.

Product	Description	Code	Pkg	Application
REALQUALITY RQ-HPV HR Multiplex	14 GENOTYPES Identification of 14 HPV genotypes with high oncogenic risk : 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68. Genotyping of HPV 16 and HPV 18.	RQ-97-4M	50 tests	Manual
		RQ-97-6M	100 tests	
		RQ-97R-4M	50 tests	Manual LC 480
		RQ-97R-6M	100 tests	
REALQUALITY RQ-HPV Screen	14 GENOTYPES Identification of 14 HPV genotypes with high oncogenic risk: 16, 18, 31, 33, 35, 39, 45, 51, 52, 56, 58, 59, 66, 68. Genotyping of HPV 16 and HPV 18. Validated according to Meijer guidelines (Iacobellis et al., 2018; Meijer C. et al., 2009)	RQ-123-4M	50 tests	Manual
		RQ-123-6M	100 tests	
REALQUALITY RQ-HPV HR/LR Multiplex	22 GENOTYPES Identification of 14 genotypes at high oncogenic risk, 6 at possible high oncogenic risk and 2 at low oncogenic risk of Human Papilloma Virus. Genotyping of HPV 6, HPV 11, HPV 16 and HPV 18.	RQ-99-4M	50 tests	Manual
		RQ-99-6M	100 tests	
		RQ-99R-4M	50 tests	Manual LC 480
		RQ-99R-6M	100 tests	
REALQUALITY RQ-Multi HPV Detection	28 GENOTYPES Identification of 14 genotypes at high oncogenic risk, 6 at possible high oncogenic risk and 8 at low oncogenic risk of the Human Papilloma Virus. Genotyping of HPV 16 and HPV 18.	RQ-103-4M	50 tests	Manual
		RQ-103-6M	100 tests	
		RQ-103R-4M	50 tests	Manual LC 480
		RQ-103R-6M	100 tests	
REALQUALITY RQ-SevenSTI ⁺	Kit for detection of <i>Chlamydia trachomatis</i>, <i>Neisseria gonorrhoeae</i>, <i>Mycoplasma genitalium</i>, <i>Mycoplasma hominis</i>, <i>Trichomonas vaginalis</i>, <i>Ureaplasma urealyticum</i> and <i>Ureaplasma parvum</i>	RQ-127-4M	50 tests	Manual
		RQ-127-6M	100 tests	
REALQUALITY RQ-STI CT/NG/MG ⁺	Kit for detection of <i>Chlamydia trachomatis</i>, <i>Neisseria gonorrhoeae</i> and <i>Mycoplasma genitalium</i>	RQ-107-4M	50 tests	Manual
		RQ-107-6M	100 tests	

HPV and other Sexually Transmitted Infections (STIs)

Product	Description	Code	Pkg	Application
REALQUALITY RQ-STI CT/NG/MG Complete	Kit for detection of <i>Chlamydia trachomatis</i>, <i>Neisseria gonorrhoeae</i> and <i>Mycoplasma genitalium</i> (GENEQUALITY® Lysis Buffer SW CE-IVD and accessories included in the kit)	RQ-113-6M	100 tests	Manual
REALQUALITY RQ-STI MG/MH *	Kit for detection of <i>Mycoplasma genitalium</i> and <i>Mycoplasma hominis</i>	RQ-72-4M	50 tests	Manual
		RQ-72-6M	100 tests	
REALQUALITY RQ-STI UU/UP *	Kit for detection of <i>Ureaplasma urealyticum</i> and <i>Ureaplasma parvum</i>	RQ-73-4M	50 tests	Manual
		RQ-73-6M	100 tests	
REALQUALITY RQ-STI CT *	Kit for detection of <i>Chlamydia trachomatis</i>	RQ-109-4M	50 tests	Manual
		RQ-109-6M	100 tests	
GENEQUALITY Lysis Buffer SW	Kit for rapid extraction of viral/bacterial DNA from swabs and urine	04-X18-50	50 tests	Manual
		04-X18-100	100 tests	

* Validated with Lysis Buffer SW for rapid manual extraction of nucleic acids

Gastrointestinal infections



Gastrointestinal infections of viral, bacterial, or parasitic origin cause diseases resulting in inflammation of the gastrointestinal tract (stomach, small intestine, and colon), typically manifested by diarrhea, vomiting, and abdominal pain. Prompt diagnosis is a crucial measure to provide the correct therapy in a timely manner and to control the infection.

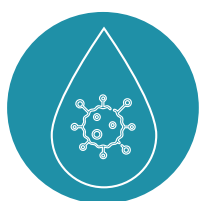
Product	Description	Code	Pkg	Application
REALQUALITY RQ-ADENO	Kit for detection of <i>Adenovirus</i>	RQ-93-4M	50 tests	Manual
		RQ-93-6M	100 tests	
	Quantification standards for <i>Adenovirus</i>	RQ-94-SM	12 runs	Manual
REALQUALITY RQ-NoroV *	Kit for detection of <i>Norovirus (GI)</i> and <i>Norovirus (GII)</i>	RQ-153-6M	96 tests	Manual
REALQUALITY RQ-AstroV *	Identification and quantification of <i>Astrovirus</i>	RQ-154-6M	96 tests	Manual

* Lyophilized format

Product	Description	Code	Pkg	Application
REALQUALITY RQ-RotaV *	Kit for detection of Rotavirus A	RQ-155-6M	96 tests	Manual
REALQUALITY RQ-ETEC/EIEC *	Identification of Escherichia coli Enterotoxigenic (ETEC) and Enteroinvasive (EIEC)/ Shigella	RQ-156-6M	96 tests	Manual
REALQUALITY RQ-EHEC/EPEC/ EIEC *	Kit for detection of Escherichia coli EHEC, STEC, EPEC and EIEC/ Shigella	RQ-157-6M	96 tests	Manual
REALQUALITY RQ-SCS/EIEC *	Kit for detection of Salmonella , Campylobacter and Shigella / Escherichia coli EIEC	RQ-158-6M	96 tests	Manual
REALQUALITY RQ-Gastro-P *	Kit for detection of Cryptosporidium , Giardia lamblia and Entamoeba histolytica	RQ-159-6M	96 tests	Manual

* Lyophilized format

Monitoring Antiviral Therapy (ART)



The total amount of HIV DNA in blood or peripheral blood mononuclear cells (PBMCs) provides information on both the pathogenesis and the course of the infection. In untreated patients, total HIV DNA is indicative of progression to the established stage of the disease. The amount of total HIV DNA at baseline is predictive of response to ART. It can be useful for treatment personalization and as a marker of long-term efficacy in patients on antiretroviral treatment (Sarmati et al., 2007; Parisi et al., 2012).

Product	Description	Code	Pkg	Application
REALQUALITY RQ-HIV DNA	Kit for detection of HIV-1 DNA	RUO-RQ-125-4M	50 tests	Manual
		RUO-RQ-125-6M	100 tests	
	Quantification standards for HIV-1 DNA	RUO-RQ-126-SM	10 runs	

“Vector Borne” Infections



Vector-borne infections are diseases resulting from the transmission of an infectious agent from an infected animal to humans or another animal. The vectors are often arthropods such as mosquitoes, ticks, flies, fleas and lice, but also mammals such as mice and cats (e.g. *Toxoplasma gondii*), and they can transmit infectious diseases either actively or passively.

Product	Description	Code	Pkg	Application
REALQUALITY RQ-TOXO	Kit for detection of <i>Toxoplasma gondii</i>	RQ-117-4M	50 tests	Manual
		RQ-117-6M	100 tests	
REALQUALITY RQ-BAC *	Kit for detection of <i>Borrelia spp.</i>, <i>Anaplasma phagocitophylum</i> and <i>Coxiella burnetii</i>	RQ-160-6M	96 tests	Manuale

* Lyophilized format

Antibiotic resistance



Antimicrobial resistance is a growing global health problem (WHO, 2014). The World Health Organization has placed the development of new antibacterial agents to treat carbapenem-resistant *Enterobacteriaceae* (CRE) among its most critical priorities (WHO, 2017), as this type of resistance has minimized the utility of many commercially available drugs, limiting available treatment options (Sheu et al. 2019).

Another resistance emerging in recent years is resistance to colistin, which is considered a problem due to the lack of alternative antibiotics. Plasmid-mediated colistin resistance is a globally significant challenge due to the ease of transfer of colistin resistance genes between resistant and susceptible strains (Agaphour et al. 2019). Strategies to reduce transmission of genes associated with different antimicrobial resistances in healthcare settings mainly focus on early identification of infected patients and carriers and broad implementation of contact precautions.

Product	Description	Code	Pkg	Application
REALQUALITY Carba- Screen	Detection of genes encoding carbapenemases and colistin resistance DETECTION	RQ-170-6M Var C1	100 tests	Manual
	Detection of genes encoding carbapenemases and colistin resistance DETECTION + IDENTIFICATION	RQ-170-6M Var C2	100 + 25 + 25 tests	Manual



Clotting disorders are dysfunctions in the body's ability to control the formation of blood clots. They occur when the body is unable to produce enough proteins, called clotting factors, needed to start clotting and stop bleeding. In cases where there is a genetic abnormality of these factors, hereditary thrombophilia can arise. Molecular testing represents the gold standard for screening for genetic defects that predispose to hereditary thrombophilia.

Product	Description	Code	Pkg	Application
REALQUALITY RQ-FACTOR V LEIDEN	Detection and genotyping of the G1691A mutation (Leiden) in the gene coding for Coagulation Factor V	RQ-25-4M	50 tests	Manual
		RQ-25-6M	100 tests	
REALQUALITY RS-FACTOR V H1299R	Detection and genotyping of the H1299R mutation (HR2 haplotype) in the gene coding for Coagulation Factor V	RQ-111-4M	50 tests	Manual
		RQ-111-6M	100 tests	
REALQUALITY RQ-FACTOR V Y1702C	Detection and genotyping of the Y1702C mutation in the gene coding for Coagulation Factor V	RQ-69-4M	50 tests	Manual
		RQ-69-6M	100 tests	
REALQUALITY RS-FACTOR II G20210A	Detection and genotyping of the G20210A mutation in the gene coding for Coagulation Factor II	RQ-27-4M	50 tests	Manual
		RQ-27-6M	100 tests	
REALQUALITY RS-MTHFR A1298C	Detection and genotyping of the A1298C mutation in the gene coding for MTHFR	RQ-31-4M	50 tests	Manual
		RQ-31-6M	100 tests	
REALQUALITY RS-MTHFR C677T	Detection and genotyping of the C677T mutation in the gene coding for MTHFR	RQ-29-4M	50 tests	Manual
		RQ-29-6M	100 tests	
REALQUALITY RQ-PAI-1 4G/5G	Detection and genotyping of the -675 4G/5G polymorphism in the gene coding for the plasminogen activator type 1 inhibitor	RQ-119-4M	50 tests	Manual
		RQ-119-6M	100 tests	
REALQUALITY RQ-ACE (I/D)	Detection and genotyping of the insertion/deletion (I/D) polymorphism in the intron 16 of the gene coding for the angiotensin converter enzyme (ACE)	RQ-75-4M	50 tests	Manual
		RQ-75-6M	100 tests	

Hemochromatosis

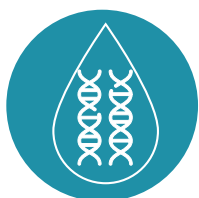


Hemochromatosis is an autosomal recessive genetic disease due to a defect in iron metabolism.

The disease is characterized by excessive accumulation of iron in the body due to increased absorption of dietary iron at the level of the intestinal mucosa. The most obvious damage is to the liver with enlargement of the organ, leading to irreversible damages such as liver cirrhosis. Other damaged organs are the heart, pancreas, endocrine organs and finally the joints.

Product	Description	Code	Pkg	Application
REALQUALITY RS-HEMO C282Y	Detection and genotyping of the C282Y mutation in the HFE gene	RQ-39-4M	50 tests	Manual
		RQ-39-6M	100 tests	
REALQUALITY RS-HEMO H63D	Detection and genotyping of the H63D mutation in the HFE gene	RQ-41-4M	50 tests	Manual
		RQ-41-6M	100 tests	
REALQUALITY RQ-HEMO S65C	Detection and genotyping of the S65C mutation in the HFE gene	RQ-43-4M	50 tests	Manual
		RQ-43-6M	100 tests	

Oncohematology



Molecular analysis in the oncohematological field allows to study the molecular alterations that characterize blood cancers. These alterations can be completely specific and allow for a certain diagnosis, or the presence of a certain molecular rearrangement can make the diagnosis more precise, allow the prognosis to be better defined and a more targeted therapeutic intervention to be implemented. The application of more sensitive Molecular Biology techniques also makes it possible to monitor the disease, to better evaluate the efficacy of a given therapy, the persistence or absence of minimal residual disease or any initial signs of relapse.

Product	Description	Code	Pkg	Application
REALQUALITY RQ-BCR-ABL p210 One-Step	Reverse transcription and PCR in one step Kit for detection of translocation t(9;22) (q34;q11), variant p210 - BCR-ABL p210(M-bcr)	RQ-105-4M	50 tests	Manual
		RQ-105-6M	100 tests	
	Single-plasmid quantification standards for BCR-ABL p210 (M-bcr), ABL and GUSB transcripts	RQ-54-SM	6 runs	
REALQUALITY RQ-BCR-ABL p190 One-Step	Reverse transcription and PCR in one step Kit for detection of translocation t(9;22) (q34;q11), variant p190 - BCR-ABL p190(m-bcr)	RQ-115-4M	50 tests	Manual
		RQ-115-6M	100 tests	
	Single-plasmid quantification standards for BCR-ABL p190 (m-bcr), ABL transcripts	RQ-116-SM	6 runs	

Product	Description	Code	Pkg	Application
REALQUALITY RS-WT-1	Identification of the expression of Wilms Tumor (WT1) gene	RQ-S57-48	48 tests	Manual
		RQ-S57-96	96 tests	
	Standard for transcript quantification WT 1 and the ABL gene	RQ-58-ST	10 runs	
REALQUALITY RQ-AML1- ETO	Identification of the t(8;21) (q22;q22) translocation	RQ-S59-48	48 tests	Manual
		RQ-S59-96	96 tests	
	Standards for quantifying transcripts AML1-ETO and ABL	RQ-60-ST	10 runs	
REALQUALITY RQ-INV 16	Identification of the inv(16)(p13;q22) inversion	RQ-S61-48	48 tests	Manual
		RQ-S61-96	96 tests	
	Standards for quantifying transcripts INV-16 and ABL	RQ-62-ST	10 runs	
REALQUALITY RQ-PML-RARa bcr1 One-Step	Kit for detection of translocation t(15;17) (q22;q21), variant bcr1 - PML-RARA bcr1	RQ-179-4M	50 tests	Manual
		RQ-179-6M	100 tests	
	Quantification standards for PML-RARA bcr1 and ABL transcripts	RQ-180-SM	6 runs	
REALQUALITY RQ-PML-RARa bcr2 One-Step	Kit for detection of translocation t(15;17) (q22;q21), variant bcr2 - PML-RARA bcr2	RQ-181-4M	50 tests	Manual
		RQ-181-6M	100 tests	
	Quantification standards for PML-RARA bcr2 and ABL transcripts	RQ-182-SM	6 runs	
REALQUALITY RQ-PML-RARa bcr3 One-Step	Kit for detection of translocation t(15;17) (q22;q21), variant bcr3 - PML-RARA bcr3	RQ-183-4M	50 tests	Manual
		RQ-183-6M	100 tests	
	Quantification standards for PML-RARA bcr3 and ABL transcripts	RQ-184-SM	6 runs	
BCR- ABL p210 Reference	Reference RNA for molecular identification and/or quantification of the BCR-ABL p210 transcript	05-64-06	6 runs	Manual

Other reagents

Product	Description	Code	Pkg	Application
Rev-T Kit RQ variant	RNA reverse transcription kit for real time PCR applications	06-R1-25	25 tests	Manual
		06-R1-50	50 tests	

The Roche instruments Lightcycler 2.0 (LC 2) and Lightcycler 480 II (LC 480 II) require an instrument-specific color compensation file/object for correct reading of the fluorescence signals. The color compensation file/object has to be created once before using the Real-Time PCR assays and used for all subsequent analysis runs.

REALQUALITY LC 2.0 Color compensation kit	Kit for creating an instrument-specific color compensation file for Roche Lightcycler 2.0 Real-Time PCR system	RQ-SCLC2	For 1 color compensation file	Manual
REALQUALITY LC 480 Color compensation kit	Kit for creating an instrument-specific color compensation file for Roche Lightcycler 480 Real-Time PCR system version II	RQ-SCLC48	For 1 color compensation object	Manual



Reverse Line Blot

Genetics

Coagulation



Clotting disorders are dysfunctions in the body's ability to control the formation of blood clots. They occur when the body is unable to produce enough of the proteins, called clotting factors, needed to start clotting and stop bleeding. In cases where there is a genetic abnormality of these factors, hereditary thrombophilia can arise. Molecular testing represents the gold standard for screening for genetic defects that predispose to hereditary thrombophilia.

Product	Description	Code	Pkg	Application
GENEQUALITY THROMBO TYPE PLUS	Simultaneous identification of mutations in the genes coding for	04-71A-20 M	20 tests	Manual
	Factor V Leiden, G1691 A (Arg505Gln), Factor II, G20210A, MTHFR C677T, MTHFR A1298C, PAI 1 4G/5G, factor V (HR2) H1299R through Multiplex PCR and Reverse Line Blot	04-71A-20 A	20 tests	Dynablot Heat, Autoblot 3000H, ProfiBlot™ T48

Genetic disorders



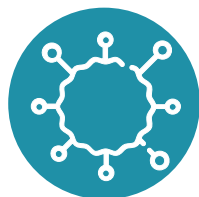
Some genetic disorders can predispose to the onset of celiac disease, microdeletions of the Y chromosome can instead lead to infertility. Molecular analysis of these genetic alterations makes it possible to accurately diagnose the predisposition to these pathologies.

Product	Description	Code	Pkg	Application
GENEQUALITY AZF Y-TYPE	Identification of deletions at the AZF locus by Multiplex PCR and Reverse Line Blot	04-18A-20 M	20 tests	Manual
		04-18A-20 A	20 tests	Dynablot Heat, Autoblot 3000H, ProfiBlot™ T48
GENEQUALITY CD-TYPE v2.0	Detection of genetic susceptibility to celiac disease by Multiplex PCR and Reverse Line Blot. Mastermix format. Interpretive software included.	02-14A-20 M	20 tests	Manual
		02-14A-20 A	20 tests	Dynablot Heat, Autoblot 3000H, ProfiBlot™ T48



Reverse Line Blot

Virology

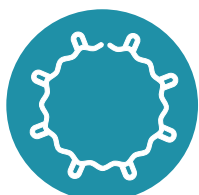


Hepatitis C virus (HCV) has a genome characterized by a high degree of variability. Seven major HCV genotypes have been identified (Smith et al, 2013; Murphy DG et al. 2015). Each genotype in turn includes several subtypes identified by lowercase letters of the alphabet (Simmonds et al, 2005). In turn, each subtype includes numerous variants.

The HCV genome consists of single-stranded RNA. The coding regions consist of the CORE domains. The coding region is flanked by highly conserved untranslated regions (UTRs). The 5'UTR region can provide useful information for the identification of genotypes 1-5, 6a-b and 7 (Pickett et al., 2011; Chevaliez et al., 2009). Simultaneous investigation of the 5'UTR and CORE regions allows for a more accurate assignment of the viral genotype and subtypes (Chevaliez et al., 2009).

Product	Description	Code	Pkg	Application
AMPLIQUALITY HCV TYPE PLUS	Kit for the identification of genotypes 1-7 of the Hepatitis C virus (HCV) and subtypes a and b of genotype 1, by Reverse Line Blot of the 5'UTR and CORE regions. The system allows to identify the following HCV genotypes and subtypes: 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, e-v, 7a. Interpretive software included	03-05-20 M	20 tests	Manual
		03-05-20 A	20 tests	Dynablot Heat, Autoblot 3000H, ProfiBlot™ T48

HPV



Human Papillomavirus (HPV) infection is caused by a DNA virus of the Papillomaviridae family. Many HPV infections cause no symptoms and 90% resolve spontaneously. In some cases, an HPV infection persists and causes warts or precancerous lesions. These lesions, depending on the affected site, increase the risk of cancer of the cervix, vulva, vagina, penis, anus, mouth, tonsils, or throat. The strains most involved in cervical cancer are HPV16 and HPV18. HPV6 and HPV11 are considered low-risk cancer and cause genital warts and laryngeal papillomatosis.

Product	Description	Code	Pkg	Application
AMPLIQUALITY HPV TYPE EXPRESS v3.0	Kit for the identification and typing of Human Papilloma Virus by single step PCR and Reverse Line Blot. The system is able to 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 • dUTP/UNG system to prevent carry-over contamination • Coamplification of housekeeping gene TST • Recognizes 40 HPV genotypes • Easy detection of coinfections	03-35A-20 M	20 tests	Manual
		03-35A-20 A	20 tests	Dynablot Heat, Autoblot 3000H, ProfiBlot™ T48
HPV-TYPE EXPRESS Strip Reader	Software for interpretation and report generation for the AMPLIQUALITY HPV-TYPE EXPRESS kit	08-RLB-32	1 CD ROM	



Instruments

Automated extraction and PCR setup



Instruments

GENEQUALITY® X120

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 96 biological samples processed simultaneously from primary tubes.

Up to 24 different Real-Time PCR reactions per plate.

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.

Product	Description	Code	Pkg
GENEQUALITY® X120	Platform for 96 simultaneous extractions	08-20-96	1 instrument
GENEQUALITY® X120 TRACK	Platform for 64 simultaneous extractions with biobanking labware management	08-21-48	1 instrument

"SAMPLE-TO-RESULT" System



Fully automated platform, designed to achieve maximum versatility and efficiency in routine molecular diagnostics.



Purification of DNA and RNA from different matrices in the same analytical run, starting from the primary tube.

Simultaneous management of up to 48 biological samples, from loading to PCR reaction setup up to Real time PCR amplification (up to 8 assays simultaneously).

Simultaneous management of two distinct thermal amplification profiles.

Extraction system based on the use of magnetic beads with preloaded cartridges.

Complete traceability of the entire workflow.

Software with touch screen interface.

Decontamination control by integrated UV lamp.

Bidirectional interfacing to the laboratory management system.

Two integrated Real time PCR thermal cyclers with capacity of 48 samples each.

Product	Description	Code	Pkg
GENEQUALITY® Max	"Sample-to-result" platform for 48 simultaneous extractions including 2 on-board thermal cyclers for Real Time PCR analysis	08-22-48	1 instrument

GQ X120 / X120 TRACK / Max reagents

Product	Description	Code	Pkg
GENEQUALITY® X120 Pathogen kit	Kit for the purification of viral DNA/RNA and bacterial DNA with magnetic particle technology, from different types of biological samples.	05-X12-6A	100 tests
GENEQUALITY® AB Extra Speed	Kit for rapid extraction of viral nucleic acids for GENEQUALITY® X120 automatic platform.	05-ES-6A	100 tests
IC RNA (4,2 ml)	RNA internal control	05-76-04	100 tests
IC DNA (4,2 ml)	DNA internal control	05-78-04	100 tests
GENEQUALITY® X120 LB-P	Sample pretreatment solution (in combination with GENEQUALITY® X120 Pathogen kit).	05-X13-25	1.250 tests

GQ X120 / X120 TRACK / Max accessories

Product	Description	Code	Pkg
Work Plate	Work Plate, 2 mL, sterile for GENEQUALITY® X120	20-43001-0200	10 pcs
Elution Plate	Elution Plate, 1 mL, sterile for GENEQUALITY® X120	20-43001-1016	10 pcs
Filter tips, 300 uL	Filter tips, 300 uL for GENEQUALITY® X120	20-49008-0104	5760 pcs
Filter tips, 1000 uL	Filter tips, 1000 uL for GENEQUALITY® X120	20-49009-0104	3840 pcs
Filter tips, 50 uL	Filter tips, 50 uL for GENEQUALITY® X120	20-49010-0104	5760 pcs
“96-well PCR plate Aria Dx”	96-well PCR plate, with low border profile (for Real Time Aria Dx Thermal Cycler)	AB-E1403-5200	10 pcs
Strips of 8 flat optical caps Aria Dx	Strips of 8 flat optical caps (for Real Time Aria Dx Thermal Cycler)	AB-I1400-0900	125 pcs
96-well PCR plate, with low border profile	96-well PCR plate, with low border profile	AB-401491	25 pcs
Mx3000P Optical Strip Caps	Mx3000P Optical Strip Caps	AB-401425	120 pcs
96 well 0.1 mL white plates with barcode Bio-Rad CFX 96	96 well 0.1 mL white plates with barcode (for Real Time Bio-Rad CFX 96 thermal cycler)	BP-B17489	25 pcs

GQ X120 / X120 TRACK / Max accessories

Product	Description	Code	Pkg
Optical cap strip for Bio-Rad CFX 96	Optical cap strips for PCR Real Time PCR (for Bio-Rad CFX 96 Real Time Thermal Cycler)	BP-B57801B	300 pcs
Waste bags	Waste bags for GENEQUALITY® X120	20-199202	25 pcs
2 mL microtube	2 mL microtube, Flat, no-grad, Sterile	20-72664	500 pcs
Screw cap for 2mL microtube	Screw cap for 2mL microtube	20-65716	500 pcs
Aluminium cover film	Aluminium cover film, -80°C to +120°C	20-94001-0216	100 pcs
Hamilton MIC Tubes & V-Caps	Hamilton MIC Tubes & V-Caps (GENEQUALITY® Max)	20-10110770	960 pcs

Real-Time PCR systems

Aria Dx

Real Time PCR thermal cycler from 1 to 6 channels configurable on site with modular optical cartridges (Agilent Technologies).

Led optical technology.

Ready-to-go instrument, no calibration required.

Programming with touch screen interface.

Possible normalization with reference dye (ROX™).

Possibility to upgrade optical channels.



This instrument can be sold exclusively in association with the AB ANALITICA kits.

Product	Description	Code	Pkg
Aria Dx	Real Time PCR thermal cycler with 4 channels (SYBR/FAM, ROX, HEX, CY5)	08-ARDX-01	1 instrument
Aria Dx	Real Time PCR thermal cycler with 5 channels (SYBR/FAM, ROX, HEX, CY5, CY3)	08-ARDX-02	1 instrument
Aria Dx	Real Time PCR thermal cycler with 6 channels (SYBR/FAM, ROX, HEX, CY5, CY3, ATTO425)	08-ARDX-03	1 instrument

Mic qPCR Cyclers

Real Time PCR rotor cycler with 4 optical channels
(Bio Molecular Systems).

48 position rotor.

Thermal system based on magnetic induction technology.

Reaction volumes up to 30 μ L.

No need for color compensation and calibration.

User specific settings and flexible system configurations.

This instrument can be sold exclusively in association with the AB ANALITICA kits and in some geographic areas only.



Product	Description	Code	Pkg
Mic qPCR Cycler	Rotor Real Time PCR thermal cycler with 4 optical channels	08-C1000DX	1 instrument





FERTILITY

Seminal fluid analysis

Ready-to-use solutions and kits for analysis or staining of sperm cells on microscope or spectrophotometer.

Product	Description	Code	Pkg
LIFE TEST	Test for differentiation of viable from non-viable spermatozoa, regardless of their motility.	00-01R-50	50 tests
SWELLING TEST	Test for assessment of the membrane integrity of sperm cells.	00-02R-50	50 tests
HISTON COLOR TEST	Test for assessment of the maturation state of sperm cells by staining of histones in the cell nucleus.	00-03R-50	50 tests
DECON TEST	Test for assessment of the maturation state of sperm cells by analysis of the chromosome-decondensation process in the cell nucleus.	00-04R-50	50 tests
ROUND CELL TEST	Test for assessment of nemaspermic chromatin.	00-05R-50	50 tests
FRUCTOSE	Test for assessment of the D-Fructose content in seminal fluid (UV absorption spectrophotometry).	00-08R-100	100 tests
ZINC	Test for assessment of the Zinc content in serum, plasma, urine and seminal fluid without deproteinization (colorimetric test).	00-12R-50	50 tests
CITRIC ACID (for seminal fluid)	Test for assessment of the Citric Acid content in seminal fluid by UV absorption spectrophotometry.	00-10R-100LS	100 tests
SET of CONTROLS for Fructose, Zinc, Citric Acid	Controls for analysis of biochemical parameters of seminal fluid.	00-11R-03	3 vials of 1mL



Breath Test

BREATHQUALITY UBT

¹³C-UREA Breath test for diagnosis of gastroduodenal infection by *Helicobacter pylori*.

Oral solution, single dose (75 mg ¹³C urea/10 mL), for breath testing for in vivo diagnosis of gastroduodenal *Helicobacter pylori* infection in adults and children

Liquid.

Ready to use.

Complete.

Authorized for pediatric use.

Free of preservatives, colorants and flavors.

Tested for allergic reactions.



Product	Description	Code	Pkg
BREATHQUALITY-UBT	Breath test for in vivo diagnosis of gastroduodenal infection by <i>Helicobacter pylori</i> . Oral solution, single dose (75 mg ¹³ C urea/10 mL)	11-75-00	1 test

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

Accessories for breath testing

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.

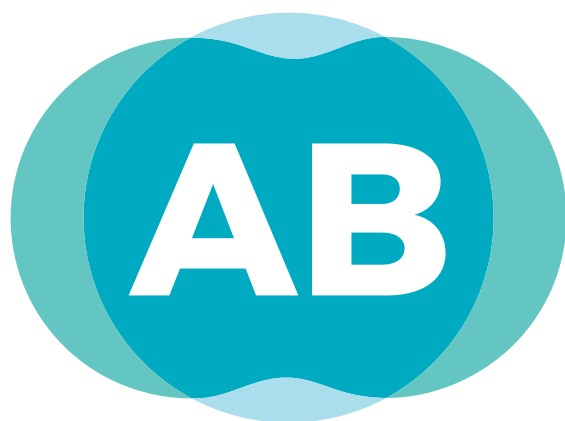


STRAWS:

2 straws in Polypropylene (PP).

Other ¹³C BREATH TESTS

Product	Description	Code
AB ¹³C-AMINOPIRINA	¹³C Aminopyrine: Substrate for study of liver function	13-01A-75
AB ¹³C-METACETINA	¹³C Methacetin: Substrate for study of liver function	13-02A-75
AB ¹³C-TRIGLICERIDI MISTI	Mixed ¹³C triglycerides: Substrate for study of pancreatic lipase activity in the duodenum	13-07A-250
AB ¹³C-ACIDO OTTANOICO	¹³C Octanoic Acid: Substrate for evaluation of gastric emptying	13-09A-100



ANALITICA
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