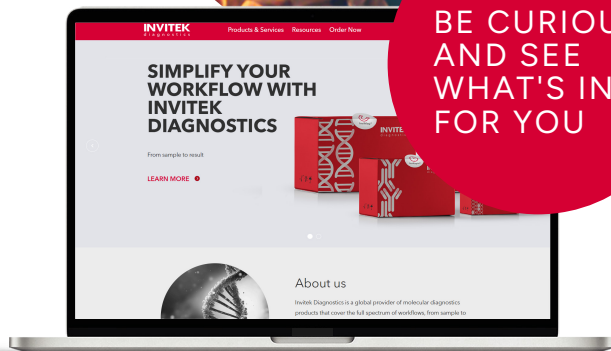


# CATALOG

Valid from November 2024

One-Stop  
SOLUTIONS

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WHAT'S IN  
FOR YOU



**A GLOBAL PROVIDER**  
OF MOLECULAR DIAGNOSTICS  
SOLUTIONS

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Invitek Diagnostics is a global provider of molecular diagnostics products that cover the full spectrum of workflows, from sample to result. The products are designed for ultimate ease of use and time saving, with a modular system that can be adapted to any laboratory environment. With Invitek Diagnostics, you can streamline your processes and work efficiently from sample collection and extraction to detection and point-of-use. Discover our complete portfolio for food testing, human and veterinary diagnostics, genetic testing, microbiome analysis and life sciences.

## TOOLS FOR MOLECULAR DIAGNOSTICS

Our new modular product approach ensures that our customers have everything they need to deliver efficient, accurate results with minimal effort.



InviMag®



InviSorb®



InviRapid®



InviLisa®



InviScreen®



Collection devices





**FOOD  
TESTING**

# ALLERGEN DETECTION PCR

The InviScreen® Allergen Detection is a premium quality molecular biology tool to provide the general laboratory and research personnel an easy and ready-to-use kit for the detection of specific allergen species in food and feed samples. For DNA purification prior to testing, the InviSorb® extraction kits offer efficient protocols for various starting materials.



InviSorb®



InviScreen®

Starting material	Extraction kit	Catalogue No.	Detection kit*	Catalogue No.
Food & feed	InviSorb® Spin Food Kit (50 preps)	1036120200	InviScreen® <b>Almond</b> DNA Detection Kit	6012001200
			InviScreen® <b>Brazil Nut</b> DNA Detection Kit	6012002200
			InviScreen® <b>Cashew</b> DNA Detection Kit	6012003200
			InviScreen® <b>Celery</b> DNA Detection Kit	6012004200
			InviScreen® <b>Coconut</b> DNA Detection Kit	6012015200
			InviScreen® <b>Crustacean</b> DNA Detection Kit	6012005200
			InviScreen® <b>Fish</b> DNA Detection Kit	6012014200
Surface swabs	InviSorb® Spin Plant Mini Kit (50/250 preps)	1037100200 1037100300	InviScreen® <b>Hazelnut</b> DNA Detection Kit	6012006200
			InviScreen® <b>Lupin</b> DNA Detection Kit	6012016200
			InviScreen® <b>Macadamia Nut</b> DNA Detection Kit	6012007200
			InviScreen® <b>Mustard</b> DNA Detection Kit	6012008200
			InviScreen® <b>Peanut</b> DNA Detection Kit	6012009200
			InviScreen® <b>Pecan Nut</b> DNA Detection Kit	6012010200
			InviScreen® <b>Pistachio</b> DNA Detection Kit	6012011200
			InviScreen® <b>Sesame</b> DNA Detection Kit	6012017200
			InviScreen® <b>Soya</b> DNA Detection Kit	6012012200
			InviScreen® <b>Walnut</b> DNA Detection Kit	6012013200

\*Standard package size 100 tests

# ALLERGEN DETECTION ELISA

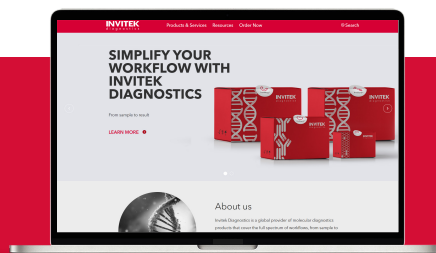
The new InviLisa® ELISA kits detect allergens in various foods, rinse water and environmental swabs. Each kit contains reagents for efficient and accurate detection of allergen proteins in a 60-minute sandwich assay. In this widely accepted method allergenic proteins are captured between two layers of specific antibodies, ensuring exceptional sensitivity for precise quantification of allergen levels, providing reliable results for quality control and compliance purposes.



Starting material	Detection kit*	Catalogue No.
Food Rinse water Surface swabs	InviLisa® <b>Egg</b> ELISA Kit	6032004200
	InviLisa® <b>Gluten</b> ELISA Kit	6032003200
	InviLisa® <b>Milk</b> ELISA Kit	6032002200
	InviLisa® <b>Casein</b> ELISA Kit	6032001200
	InviLisa® <b>β-Lactoglobulin</b> ELISA Kit	6032005200
	InviLisa® <b>Soya</b> ELISA Kit	6032006200

\*Standard package size 96 tests

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# ALLERGEN DETECTION LATERAL FLOW

The InviRapid® lateral flow assays provide a fast and easy detection of diverse allergens within just a few minutes. These assays are suitable for on-site analysis, and do not require any laboratory equipment. They are user-friendly, even for inexperienced personnel.

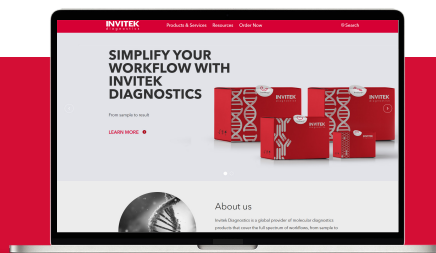


InviRapid®

Starting material	Detection kit*	Catalogue No.
Food & feed	InviRapid® Casein Allergen Ag Test	6022001102
	InviRapid® Shellfish Allergen Ag Test	6022002102
	InviRapid® Gluten Allergen Ag Test	6022003102
	InviRapid® Egg Allergen Ag Test	6022004102
	InviRapid® Fish Allergen Ag Test	6022005102
Surface swabs	InviRapid® Soya Allergen Ag Test	6022006102
	InviRapid® Almond Allergen Ag Test	6022007102
	InviRapid® Peanut Allergen Ag Test	6022008102
	InviRapid® Sesame Allergen Ag Test	6022009102

\*Standard package size 20 tests

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# GMO DETECTION

The InviScreen® GMO Detection is a molecular biology tool that allows to easily detect GMOs using a fast, ISO 21569 standard-based, real-time PCR detection method based on the detection of the pCaMV35S, tNOS and pFMV genes. The InviSorb® extraction kits offer a fast and easy way to isolate high-quality DNA from different food matrices such as processed or unprocessed food.

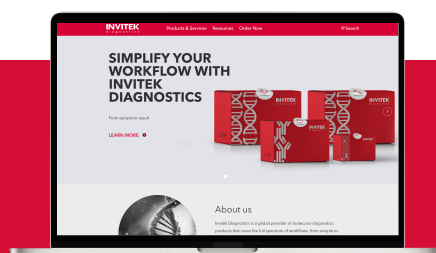


Starting material	Extraction kit	Catalogue No.	Detection kit*	Catalogue No.
Food & feed	InviSorb® Spin Food Kit (50 preps)	1036120200	InviScreen® GMO Detection Kit (35S/NOS/FMV)	6014001201
			InviScreen® CaMV Detection Kit	6014003201
Surface swabs	InviSorb® Spin Plant Mini Kit (50/250 preps)	1037100200	InviScreen® GMO Detection Kit (35S/NOS/FMV/pat/bar)	6014004203
		1037100300	InviScreen® GMO Detection Lyokit**	6014004202

\*Standard package size 50 tests/target

\*\*Standard package size 100 tests

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# FOODBORNE PATHOGEN DETECTION

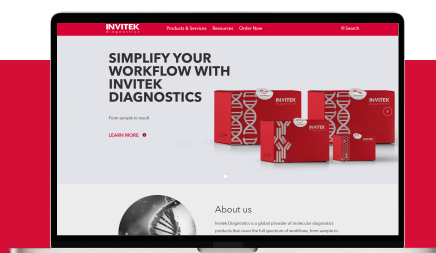
The InviScreen® kits for foodborne pathogen detection are developed based on the corresponding ISO standards that define the real-time PCR methods for the detection of the specific microorganisms in food and feed matrices. The kits include positive controls and extraction controls when required by the standards. For DNA/RNA purification prior to testing, the Invitek extraction kits offer optimized protocols for various starting materials.



Starting material	Extraction kit	Catalogue No.	Detection kit*	Catalogue No.
Food & feed	InviSorb® Spin Food Kit (50 preps)	1036120200	InviScreen® STEC Detection Kit	6015001200
			InviScreen® STEC Serotyping Kit	6015004204 **
	InviPrep® Fast Lysis Buffer (100 preps)	1001136100	InviScreen® O157:H7 Detection Kit	6015003201 ***
			InviScreen® C. Botulinum Detection Kit	6015005200
	RTP® Pathogen Kit (50/ 250 preps)	1040500200 1040500300	InviScreen® Hepatitis A Virus Detection Kit	6015006200
	InviSorb® Spin Universal Kit (50/ 250 preps)	1050100200 1050100300	InviScreen® Norovirus Detection Kit	6015002200
			Included in the Detection Kit	InviScreen® Salmonella spp. Detection Kit

\*Standard package size 100 tests \*\*6x25 tests \*\*\*50 tests

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# HALAL TESTING

Swine, or pork, is strictly prohibited in Islamic dietary laws, making its detection a critical aspect of ensuring compliance with halal standards. The InviScreen® Swine Halal Speciation Kit has been carefully designed to provide a qualitative solution for detecting the presence of Swine DNA in food and feed samples. Utilizing PCR technology, this kit enables users to rapidly identify any potential contamination from elements of porcine origin. This capability ensures the maintenance of the halal integrity of products.

The kit demonstrates versatility in its compatibility with diverse starting materials, including raw components, finished products, and environmental samples. For an effective extraction of DNA, it is recommended to use the InviSorb® DNA Extraction Kits.



InviSorb®

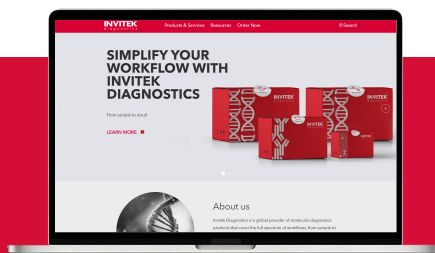


InviScreen®

Starting material	Extraction kit	Catalogue No.	Detection kit*	Catalogue No.
Food & feed	InviSorb® Spin Food Kit (50 preps)	1036120200	InviScreen® Swine Halal Speciation Kit	6013009200
Surface swabs	InviSorb® Spin Tissue Mini Kit (50/250 preps)	1032100200 1032100300		

\*Standard package size 100 tests

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**GENOMICS &  
MOLECULAR  
DIAGNOSTICS**

# MICROBIOME RESEARCH

A major challenge for microbiome studies is maintaining an even and accurate DNA extraction in the presence of samples with a wide range of bacterial content and originating from environmental, gut and oral starting materials. Our modular products for reliable and validated microbiome sample management, from sample collection and stabilization to reliable DNA extraction, ensure that your samples remain intact and accurately reflect the microbiome diversity.



InviSorb®



InviMag®



Collection devices

## GUT MICROBIOME

### Sample collection/ sample lysis

Stool Collection Tubes with DNA Stabilizer	1038111200	50 tubes
	1038111300	250 tubes
Stool DNA Stabilizer: stool transport and recovery buffer for stabilization of nucleic acids in stool specimens	1038111100	180 ml

Stool samples

### Extraction kit

PSP® Spin Stool DNA Basic Kit (CE-IVD) (without lysis buffer) For sample lysis, the kit needs to be combined with Stool Collection Tubes with Stool DNA Stabilizer (50 or 250 tubes) or Stool DNA Stabilizer (180 ml for 50 preps, 2 x 180 ml for 250 preps).	1038120200	50 purifications
	1038120300	250 purifications
InviMag® Stool DNA Kit/ KF96 (for use on KingFisher™ 96 and KingFisher™ Flex, Thermo Fisher Scientific)	7438300200	5 x 96 purifications

## ORAL MICROBIOME

### Sample collection/ sample lysis

SalivaGene Collector (CE-IVD)	1035211200	50 packages
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Saliva, swab samples

### Extraction kit

PSP® SalivaGene DNA Kit (CE-IVD)	1035200200	50 purifications
	1035200300	250 purifications

## ENVIRONMENTAL MICROBIOME

### Extraction kit

Soil samples	InviSorb® Spin Soil DNA Kit	1039100200	50 purifications
		1039100300	250 purifications
Plant samples	InviSorb® Spin Plant Mini Kit	1037100300	250 purifications
	InviMag® Plant DNA Mini Kit/ KF96	7437300200	5 x 96 purifications
		7437300250	5 x 96 purifications

## INFECTIOUS DISEASE TESTING

Our nucleic acid extraction products for infectious diseases enable excellent performance in downstream applications such as NGS and multiplex PCR detection. The InviSorb® and InviMag® product lines for pathogens cover all requirements of the daily routine laboratory. For the InviScreen® SARS-CoV-2 detection kits, the selection of genomic regions used as targets and the sequences of the primers and probes are based on WHO, CDC and DGS recommendations.



InviSorb®



InviMag®



InviScreen®

### DNA/ RNA EXTRACTION FROM PATHOGENS

Starting material	Extraction kit	Catalogue No.	Package size
Clinical samples like cell-free body fluids, rinse liquid from swabs, supernatant from stool suspensions, sputum or BAL	RTP® Pathogen Kit (CE-IVD)	1040500200 1040500300	50 purifications 250 purifications
	InviSorb® Spin Universal Kit (CE-IVD)	1050100200 1050100300	50 purifications 250 purifications
	InviMag® Universal Kit/ IG (CE-IVD) (for use on the InviGenius® PLUS)	2450120100	8 x 12 purifications
	InviMag® Universal Kit/ KF96 (CE-IVD) (for use on KingFisher™ 96 and KingFisher™ Flex, Thermo Fisher Scientific)	7450300200	5 x 96 purifications
	InviMag® Universal Kit/ KF96 w/o plastic (CE-IVD) (for use on KingFisher™ 96 and KingFisher™ Flex, Thermo Fisher Scientific, without KingFisher™ plastic)	7450300250	5 x 96 purifications

### SARS-CoV-2 DETECTION KITS

Starting material	Extraction kit	Catalogue No.	Detection kit*	Catalogue No.
Clinical nasopharyngeal, nasal or oropharyngeal swabs	RTP® Pathogen Kit (CE-IVD) (50/ 250 preps)	1040500200 1040500300	InviScreen® SARS-CoV-2 Multiplex RT-PCR Test (CE-IVD)	6010001200
			InviScreen® SARS-CoV-2 RT-PCR 4G (CE-IVD)	6010002200
			InviScreen® SARS-CoV-2 RT-LAMP (CE-IVD)	6010003200
Surface swabs and wastewater	InviSorb® Spin Universal Kit (CE-IVD) (50/ 250 preps)	1050100200 1050100300	InviScreen® SARS-CoV-2 RT-PCR Test for Surfaces	6011001200
			InviScreen® SARS-CoV-2 RT-PCR Test for Wastewater	6011002200

\*Standard package size 100 tests

# GENETIC TESTING

For the various applications in the field of genetic testing, we offer various modular products for sample collection and nucleic acid extraction from saliva and blood specimens used in pharmacogenomics or diagnostic and predictive testing.



InviSorb®



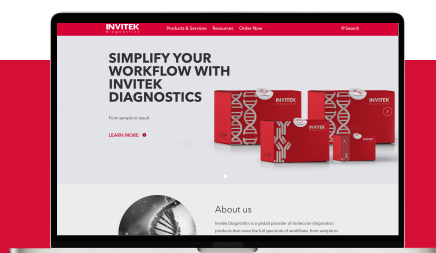
InviMag®




Collection devices

Starting material	Sample collection/ sample lysis	Catalogue No.	Package size
Saliva, swab samples	SalivaGene Collector (CE-IVD)	1035211200	50 packages
	SalivaGene Swab Comfort (CE-IVD)	1035231100	50 packages
	<b>Extraction kit</b>		
Whole blood and buffy coat	PSP® SalivaGene DNA Kit (CE-IVD)	1035200200 1035200300	50 purifications 250 purifications
	InviSorb® Spin Blood Mini Kit (CE-IVD)	1031100200 1031100300	50 purifications 250 purifications
	InviMag® Blood DNA Mini Kit/ IG (CE-IVD) <i>(for use on the InviGenius® PLUS)</i>	2431120100	8 x 12 purifications

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**LIFE SCIENCES  
RESEARCH**

## LIFE SCIENCES RESEARCH

We offer a wide range of life science research kits that cover everything from DNA to RNA purification. Our InviSorb®, InviPrep® and InviMag® products are designed to be fast and efficient, so you can get the most intact nucleic acids possible from a variety of starting materials such as of tissue, plants or prokaryotic and eukaryotic cells.



InviSorb®



InviMag®

Starting material	Extraction kit	Catalogue No.	Package size
Tissue samples, mouse tail, swabs, eukaryotic cells	InviSorb® Spin Tissue Mini Kit	1032100200	50 purifications
		1032100300	250 purifications
Tissue samples, cells & whole blood samples	InviTrap® Spin Universal RNA Mini Kit (CE-IVD)	1060100200	50 purifications
		1060100300	250 purifications
Liquid culture and cells from bacteria, mold and yeasts	InviPrep® Fast Lysis Buffer	1001136100	100 purifications
Food samples	InviSorb® Spin Food Kit	1036120200	50 purifications
	InviSorb® Spin Food Kit-Add On	1036020200	120 ml
Plant material, cells	InviSorb® Spin Plant Mini Kit	1037100200	50 purifications
		1037100300	250 purifications
	InviTrap® Spin Plant RNA Mini Kit	1064100300	50 purifications
		1064100400	250 purifications
InviMag® Plant DNA Mini Kit/ KF96	7437300200	5 x 96 purifications	
InviMag® Plant DNA Mini Kit/ KF96 w/o plastic	7437300250	5 x 96 purifications	
DNA fragments after PCR reactions, restriction digestion, ligation, cDNA synthesis	MSB® Spin PCRapace	1020220300	250 purifications
		1020220400	500 purifications
PCR and other enzymatic reactions, DNA fragments from agarose gels	InviSorb® Fragment CleanUp	1020300300	250 purifications
0.5 - 2.0 ml bacteria suspension bacterial pellets from max. 2 ml suspension or up to 10 ml for low copy plasmids	InviSorb® Spin Plasmid Miniprep Kit	1010110300	250 purifications





**ANIMAL  
HEALTH**

# ANIMAL HEALTH

Nucleic acid targeted analysis emerges as a robust and sensitive tool for the detection of various pathogens that impact poultry and livestock production. We offer a comprehensive and increasing spectrum of InviScreen® diagnostic kits for farm animals that target bacterial and viral pathogens.



InviSorb®

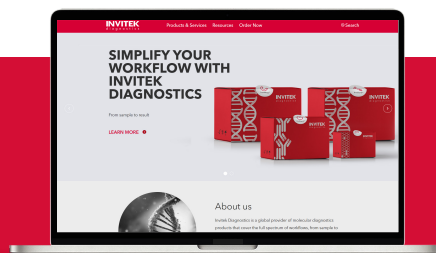


InviScreen®

Starting material	Extraction kit	Catalogue No.	Detection kit*	Catalogue No.
Epithelial scrapes	RTP® Pathogen Kit (50/ 250 preps)	1040500200 1040500300	InviScreen® <b>Infectious Brusal Disease Virus (IBDV)</b> Detection kit	6016001200
			InviScreen® <b>Infectious Bronchitis Virus (IBV)</b> Detection kit	6016002200
	InviSorb® Spin Universal Kit (50/ 250 preps)	1050100200 1050100300	InviScreen® <b>Mycoplasma (Mg/Ms)</b> Detection Kit	6016003200
			InviScreen® <b>Bovine Viral Diarrhea Virus (BVDV)</b> Detection Kit	6016004200

\*Standard package size 100 tests

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**LAB  
SOLUTIONS**

## LAB SOLUTIONS

The Invitek Sample Collection Modules are user-friendly and highly beneficial laboratory solutions that can greatly simplify and optimize your laboratory workflow. With the ability to store samples for extended periods without refrigeration, these collection devices eliminate the expenses typically incurred from temperature-controlled storage and shipping.



Collection devices

### SAMPLE COLLECTION & STABILIZATION

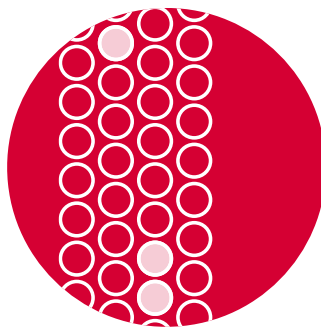
Starting material	Collection module	Catalogue No.	Package size
Stool	Stool Collection Tubes with DNA Stabilizer	1038111200	50 tubes
		1038111300	250 tubes
Saliva	SalivaGene Collector (CE-IVD)	1035211200	50 packages
Swab	SalivaGene Swab Comfort (CE-IVD)	1035231100	50 packages



**CUSTOM  
SOLUTIONS**

## CUSTOM SOLUTIONS

Our production capabilities are proven through our product development and sample management portfolio. You can work with our expert scientists to develop exceptional custom reagents or kits tailored to your specific needs. Our modular system is adaptable to any laboratory environment. Invitek Diagnostics allows you to simplify your procedures and move seamlessly from sample collection and extraction to detection and point-of-use.



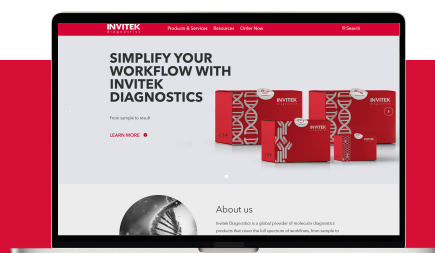
### CUSTOM DEVELOPMENT & MANUFACTURING / OEM

Development, prototyping and testing of products intended for commercial sale and customized manufacturing solutions for RUO & IVD products

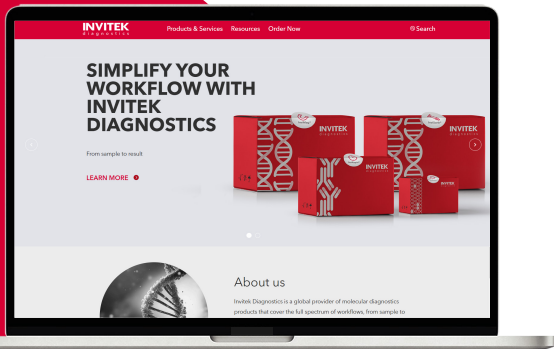
Invitek Diagnostics manufactures custom and off-the-shelf products in cleanroom controlled environment facilities capable of small- to large-scale manufacturing in accordance with EN ISO 13485.



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WITH INVITEK DIAGNOSTICS

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**INVITEK**  
diagnostics

Contact us

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3460-070 Tondela, Portugal

**INVITEK DIAGNOSTICS GERMANY**

Robert-Roessle-Str. 10  
D-13125 Berlin, Germany



*The InviScreen® SARS-CoV-2 PCR kits comply with EU Directive 98/79/EC on in vitro medical devices. Not for in vitro diagnostic use in countries where the EU Directive 98/79/EC on in vitro medical devices is not recognized.*

*The respectively labelled (CE-IVD) InviSorb®, InviMag®, InviTrap®, RTP® and PSP® kits comply with REGULATION (EU) 2017/746 on in vitro diagnostic medical devices. Not for in vitro diagnostic use in countries where the REGULATION (EU) 2017/746 on in vitro diagnostic medical devices is not recognized.*

1D/11/2024