



FOOD SAFETY DIAGNOSTIC PRODUCTS

KYLT IN VITRO DIAGNOSTIC SOLUTIONS
2024



KYLT®

REAL-TIME (RT-) PCR ASSAYS FOR FOOD SAFETY



Food safety from farm to fork is a necessity that can only be achieved by reliable testing. Kylt® Food Safety products can be applied to food and feed, including raw materials and environmental samples, and to partly-processed or ready-to-eat food and foodstuffs.

This allows standardized monitoring of the complete food production chain. Our product catalogue is continually being extended and updated to fulfill the requirements of novel food diagnostic needs and monitoring programs.

WHY KYLT® IS THE BEST CHOICE FOR YOU

At Kylt® we pride ourselves on supplying easy-to-use products, excellent customer service and a broad range of assays available on the market. We consistently review and update our products and expand our product range to include newly appearing strains and meet upcoming diagnostic needs. To enable the convenient and economic combination of Real-Time PCR assays in a single run, nearly all Kylt® assays can be run with our universal Kylt® Standard profile for both Real-Time PCR and Real-Time RT-PCR. This saves time, reduces use of consumables and minimizes the blocking of laboratory

infrastructure. In addition, all our detection products use the same pipetting volumes. All Real-Time PCR cyclers available on the market are compatible with the Kylt® product range, no specialized hardware or software is necessary. Of course the whole process at Kylt®, including R&D, production, storage and shipment as well as customer support is certified to ISO 9001. Furthermore, selected kits have the MicroVal® certificate for proprietary method, are registered at the German federal authority, Friedrich Loeffler Institut (FLI), as well as in diverse other countries.

KYLT® TRAINING

In regular intervals we provide an in-depth training for our customers at our site in Germany. This two-day training in small groups teaches the fundamentals for using Real-Time PCR in veterinary diagnostic applications from the sampling to the result. Learn in small groups and prepare

your own samples and run your own tests. Discuss with like-minded experts from all around the world and the Kylt® team directly. For more information, please contact us at training.kylt-DE@san-group.com.

KYLT® SOFTWARE

With the ongoing development and expansion of our Kylt® product catalogues and increasing complexity of, especially multiplexed, assays as well as various settings for different Real-Time PCR cyclers, you may hesitate to introduce Real-Time PCR in your laboratory. For these issues we have developed our Kylt® Software

to simplify entering sample data, transferring assay settings and evaluating the results, as well as accredited documentation, reporting and LIMS-connection. Please contact us for further information including supported qPCR cyclers at kylt-DE@san-group.com.

REGULATORY INFORMATION AND AVAILABILITY

All Kylt® products are available as detection Kits, with all necessary components included. The availability of the products depends on the specific regulatory environment in your country. If you need more

information on our Kylt® products and their availability in your region or if you have a specific demand for a product not listed please visit us on www.kylt.eu or contact us at kylt-DE@san-group.com.


KYLT® REAL-TIME PCR SETUP

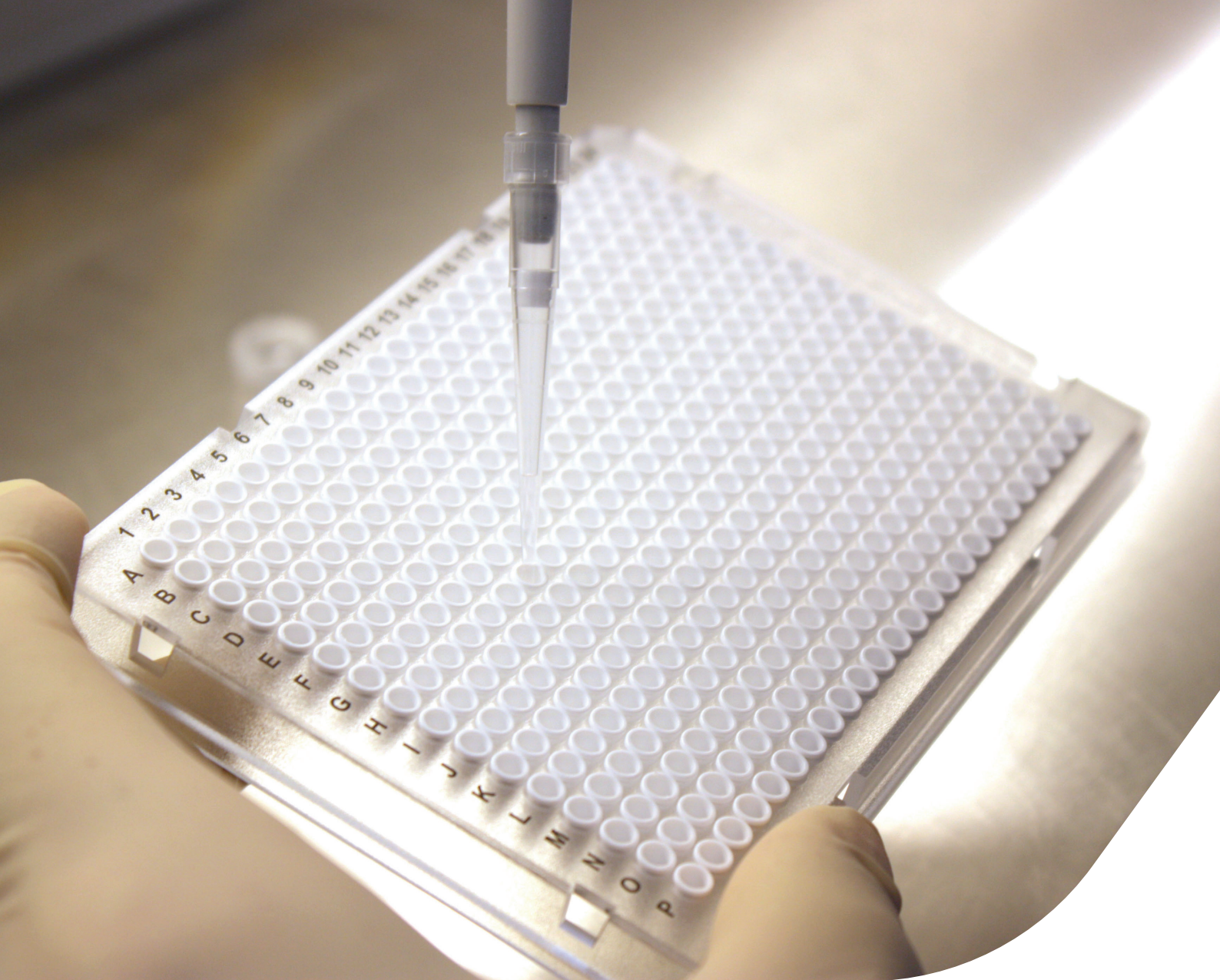
Kylt® Real-Time (RT-) PCR Kits comprise all reagents including enzyme mixes and pathogen-specific primers and probes for an accurate pathogen detection.

The control reagents included in the kit verify the validity of the assay. Pathogen specific Positive Controls help monitor the efficiency of the assay. With the Negative Control any contamination of the kit components or used consumables can be ruled out

The products are additionally provided with Internal Controls to verify sufficient sampling, correct sample preparation and the overall Real-Time PCR run.

Kylt® Real-Time (RT-) PCR setups work with commonly used fluorescent dyes FAM, HEX, Cy5 and TXR. For detailed information about channels needed for the individual products, please visit us on www.kylt.eu.

Product Name	Tested Parameter Description	Reactions	
		100	25
th. Campylobacter	thermophilic Campylobacter Genus-specific screening/ detection	31158	-
Campylobacter jejuni, coli & lari	Campylobacter jejuni, coli & lari Separate and species-specific detection	31449	31450
Stx1, Stx2, eae	E. coli virulence factors Stx1, Stx2 & eae Separate and gene-specific detection	31734	31735
List mono	Listeria monocytogenes Species-specific detection	31013	31014
MRS	Methicillin-resistant Staphylococci (MRS) Specific detection of Methicillin-resistance gene of Staphylococci	31007	31008
Salm spp 2.0 no ExM 	Salmonella spp. Species-specific detection Validated according to ISO 16140	31302	-
SE	Salmonella Enteritidis Serovar-specific detection	31205	31206
SE/ST Triplex	Salmonella Enteritidis & Salmonella Typhimurium Separate and serovar-specific detection	31165	31166
ST	Salmonella Typhimurium Serovar-specific detection	31207	31208
Staph aureus	Staphylococcus aureus (SA) Species-specific detection	31009	31010



KYLT[®]

STANDS FOR ...

HIGH QUALITY

Development and manufacturing in Germany are ISO 9001 certified

RELIABILITY

Highly satisfactory and reliable high-throughput routine diagnostic

ACCURACY

Sensitive, precise and fully validated detection of pathogens

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For feed and food applications. For in vitro use only. Regulatory requirements vary by country, these products may not be available in your geographic area.

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Management System
ISO 9001:2015

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