



## The solution for SARS-CoV-2 diagnostics

### Kylt® Purifier & Kylt® SARS-CoV-2 Complete qPCR Kit

The SARS-Coronavirus-2 pandemic puts a tremendous strain on the global population, health care systems and economy. To combat the spread of the disease, the broadly applied lockdowns are a short term strategy. In the long run, substantial efforts need to be taken to enable laboratories around the world to undertake comprehensive testing of the population.

Rapidly deployable solutions to support these laboratories are scarce. Such solutions need to be easy to setup and apply. They need to be robust and fast to test up to or more than thousands of samples daily.

The Kylt® Team has developed solutions for high throughput veterinary labs before the crisis came to be. Veterinary labs are used to a much higher sample throughput, when compared to medical diagnostic labs.

To support the labs tasked with the screening of a large number of samples for the novel Coronavirus, the Kylt team immediately tested and validated the previously developed method to purify viral RNA from human samples intended for SARS-CoV-2 diagnostics.

#### Purification System

For simplified high throughput diagnostics, the systems need to be easy to set up. The Kylt® Purifier works right out of the box without the need to calibrate or develop protocols. There is only very limited instruction needed as the interface and protocols are intuitive to use. Besides a power outlet and a robust table, no further installation is necessary. The Kylt® Purifier can be set up in virtually any laboratory without the need of extensive preparation.

#### Purification Kit

The Kylt® RNA / DNA Purification HTP kit is ideally suited to purify viral RNA from any relevant sample used in Covid-19 diagnostics (e.g., swabs, sputum, stool). The reagents are all delivered ready-to-use.

#### Real Time PCR Detection Kit

The Kylt® SARS-CoV-2 Complete kit detects 2 independent SARS-CoV-2 specific genes in one reaction with the highest sensitivity. With this, a secure detection is enabled with just one Real-Time RT-PCR test. All reagents are ready-to-use and thus the setup is simplified as well.

■ Consumables needed for the diagnostic process

Number of Samples	Purification HTP 31826	Plates 31435	Spin Tips 31434	SARS-CoV-2 Complete 31467
100	1 Kit	1 Pack	1 Pack	1 Kit
1.000	3 Kits	3 Packs	3 Packs	10 Kits
10.000	27 Kits	26 Packs	21 Packs	100 Kits

■ Ordering Information

Product	Description	Content	Art. No.
Kylt® SARS-CoV-2 Complete	Detection of two independent SARS-CoV-2-specific genes.	100	31467
Kylt® SARS-CoV-2 Complete	Detection of two independent SARS-CoV-2-specific genes.	25	31468
Kylt® Purifier	Instrument to automate magnetic bead based nucleic acid purification kits.	1	31436
Kylt® Purifier Spin Tips	Plate with 96 separate spin tips, used by the Kylt Purifier to mix the well contents by stirring. One set used per run.	5	31434
Kylt® Purifier Plates	Plates to be used for the several reactions and reagents in a nucleic acid purification kit. 5 plates used per run.	20	31435
Kylt® RNA / DNA Purification HTP	Magnetic bead based kit for the simultaneous purification of RNA and DNA from a vast array of sample matrices.	4 x 96	31826



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