



# Kylt®

## Fast & Efficient Purification of RNA and DNA

### Kylt® Purifier & Kylt® Purifier 48

The **Kylt® Purifiers** are solutions for the automated magnetic bead-based purification of RNA and DNA from any sample. These systems feature extremely fast processing with a run-time of about 30 minutes (excluding lysis) for up to 96 samples to purify DNA and RNA from diagnostic samples or to purify DNA from Salmonella pre-enrichment-samples.

The **Kylt® Purifiers** use a patented technology of stirring the well contents with a dedicated rotating spin tip for each well. The major advantage, besides processing speed, lies in the best-in-class resuspension of the magnetic beads which leads to optimal purity and yield. Additionally, due to its characteristics, no cross-contamination occurs.

Furthermore, both systems completely eliminate cross-contamination. Seemingly similar systems, which in contrast move the tips up and down, produce much higher liquid levels that increase the risk of overflow. Also, said up-and-down motion generates air currents that distribute aerosols across wells. This problem does not exist in the **Kylt® Purifier** and **Kylt® Purifier 48** instruments.

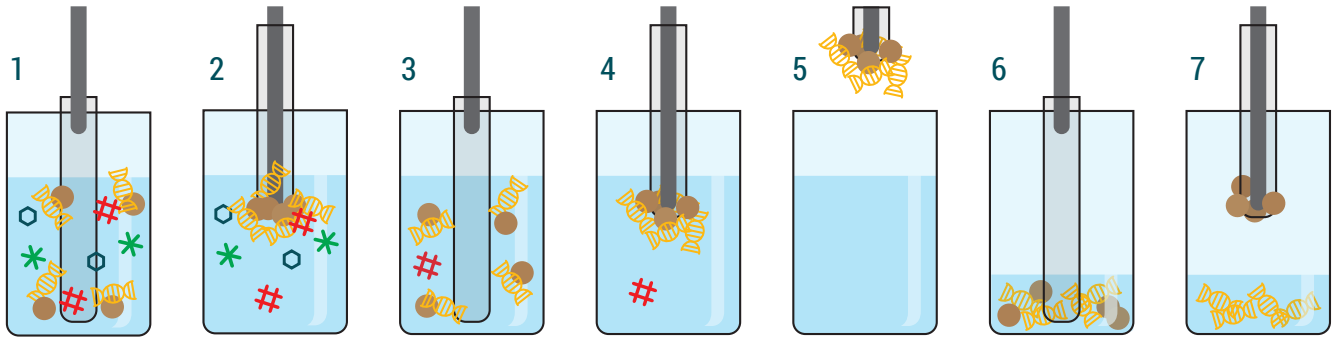
#### Advantages:

- Easy setup
- High mixing efficiency
- Reduced hands-on time
- Fast sample processing time
- Open system, easily programmable
- Pre-installed protocols for Kylt® kits
- Small, medium, and high sample throughput
- No cross-contamination, due to low liquid level
- Available options to suit any throughput

The use of **Kylt® Purifiers** improves the speed and quality of RNA and DNA purification at a better cost, as they allow for:

- Reduced lab costs
- Reduced risk of errors
- Higher lab productivity
- Operational time savings
- Simplified hands-on lab work
- Convenience of integrated solutions

## Discover more about Kylt® automated solutions for Salmonella DNA purification and detection



The components are mixed during the binding step. RNA and/or DNA is bound to the magnetic beads (1). The magnetic beads are collected by inserting the magnetic rod into the spin tips (2) and resuspended in the Wash Solution (3). Beads are collected (4) and air-dried (5). Finally the nucleic acids are eluted (6). The beads are removed and the eluate containing highly pure DNA and/or RNA is ready for PCR (7).



### Kylt® Purification System and Consumables

Product	Content / Rxn	Art.-No
<b>NEW</b> Purifier	1 unit	31436
<b>NEW</b> Purifier 48	1 unit	31748
RNA / DNA Purification HTP	4 x 96	31575
<b>NEW</b> Salmonella Purification HTP	4 x 96	31433
<b>NEW</b> Purifier Spin Tips	5 Plates / 480 Rxn	31434
<b>NEW</b> Purifier Plates	20 Plates / 384 - 480 Rxn	31435

Availability of the products in different countries may vary according to specific country regulatory environment. For in-vitro use only.  
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