Lyophilised syndromic real-time PCR multiplexing kits

**Infectious diseases detection just got simpler**

Many of FTD’s existing tests are now available lyophilised, with all the PCR reagents ready to use in a one patient sample tube. **You just need to add nucleic acid extract.**

- **Fast:** all the reagents required are included in a single patient sample tube, you just need to add nucleic acid extract
- **Simple:** the possibility of pipetting errors and contamination is significantly reduced
- **Quality assured:** CE-IVD (*in vitro* diagnostic), external quality assessments and external/internal clinical performance evaluations
- **Accuracy:** high sensitivity, high specificity - more than 97.4% of true positives and true negatives
- **Reliability:** consistent results with excellent repeatability and reproducibility
- **Robustness:** no cold chain - no degradation due to freeze/thaw cycles
- **Flexibility:** all FTD and FTlyo kits have the same pipetting and PCR protocol and can be performed in the same run
- **Compatibility:** can be used with most extraction and PCR platforms on the market
- **Variety:** largest range of lyophilised real-time PCR multiplexing kits available for the rapid detection of infectious diseases
- **Cost-effective:** competitive prices, value for money offer

**Save time: just add extract**

The overall time from the extraction room to the complete set-up of the plate is reduced by 70%! 

Lyophilised format

EXTRACTED SAMPLES

Prepare your reaction mix

Just add extract

Liquid format

THERMOCYCLER

Add extract
All FTD kits are regularly controlled by Quality Control for Molecular Diagnostics (QCMD) panels and other external quality assessment programs. In addition, FTD kits undergo pre- and post-market clinical performance evaluation studies. See example below:

For complete quality data, please refer to product manuals and validation files available on FTD’s website.

**Some examples of FTlyo kits**

Visit FTD’s website to access the full list.

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**EQA samples**

<table>
<thead>
<tr>
<th>FTD liquid kits*</th>
<th>15070</th>
<th>99.5%**</th>
<th>32944</th>
<th>99.8%**</th>
</tr>
</thead>
<tbody>
<tr>
<td>FTlyo kits*</td>
<td>2587</td>
<td>99.8%**</td>
<td>13890</td>
<td>99.5%**</td>
</tr>
</tbody>
</table>

* The following kits were taken for calculation: FTlyo Respiratory pathogens 21, 21 PLUS and 33, FLU/HRSV, Viral gastroenteritis, Bacterial gastroenteritis, Fever and rash, Viral meningitis

** The vast majority of the discrepant results were obtained from educational samples or low positives

*** In comparison with competitor kits and/or reference methods