

Universal ProbeLibrary

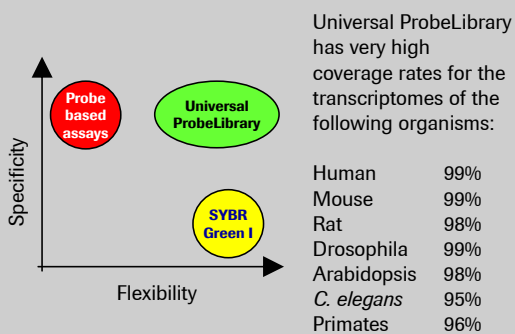
A new concept for real-time qPCR assays



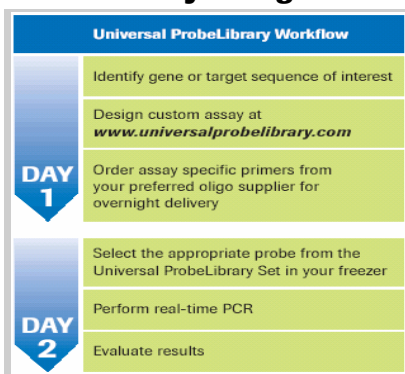
R.P. Mauritz, R. Rein, M. Geyer, C. Falter (Roche Applied Science)

The Universal ProbeLibrary system is a new PCR concept for quantification experiments that features the flexibility of SYBR Green I assays and the specificity of probe-based detection formats. One organism set contains 90 prevalidated probes that enable the quantification of the complete transcriptome with customized real-time RT-PCR assays.

Universal ProbeLibrary combines flexibility and specificity



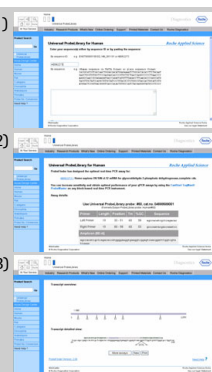
Universal ProbeLibrary workflow: From assay design to results in 2 days



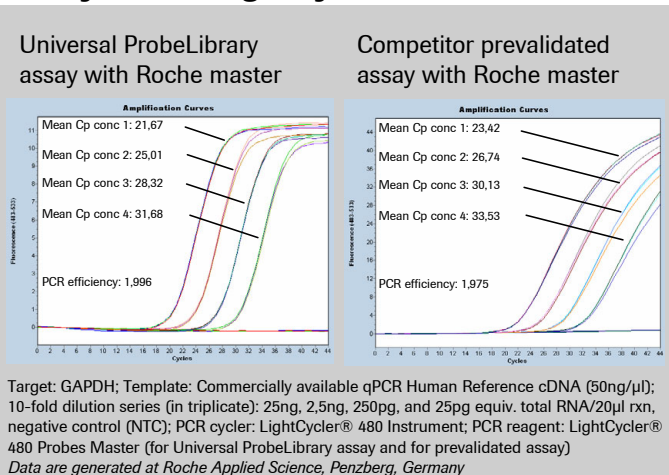
Forget the cumbersome assay design process from the past

Get your customized real-time qPCR assay within seconds by doing just 3 mouse clicks:

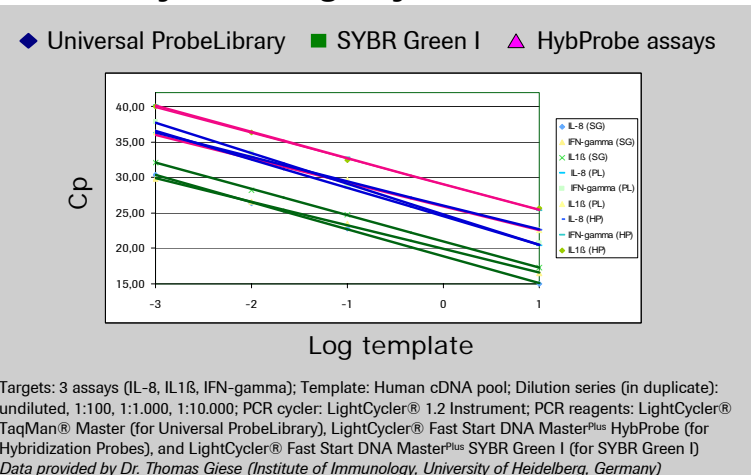
- 1) Enter your gene of interest
- 2) Identify the specific primers and probe for your custom assay
- 3) Use the "transcript detailed view" to locate your assay with primers and probe sequence, intron size, etc



Universal ProbeLibrary vs prevalidated assay on the LightCycler® 480 Instrument



Comparison of different detection formats due to linearity on the LightCycler® 1.2 Instrument



Comparison of Universal ProbeLibrary vs Hydrolysis Probe assays on a competitor PCR instrument

