



The Multiplex Experts



Multiplicon is a start-up company from VIB and the University of Antwerp.

We are active in the field of Applied Genomics and focus on the development of innovative analysis tools for genomic research. PCR Multiplexing is our core expertise, enabling us to develop simple PCR tools & protocols for molecular diagnostics and next-generation sequencing purposes.

Our services are tailored to the needs of our customers. The PCR tools developed by Multiplicon are easily incorporated in your lab's workflow, are very user-friendly and do not require special equipment or additional investments.

OUR 3 MAIN PRODUCT GROUPS :

1. MAQ Assays

- Aneuploidy
- CMT 1A
- BRCA 1&2
- Alzheimer
- XL-MR
- DiGeorge

Your personal
Multiplex design tool :
You-MAQ



For Multiplex Amplicon
Quantification in a human genomic region of your
choice. Free interface available on multiplicon.com

2. Multiplex PCR Assays

- DNA purity assay : for detection of contaminating DNA
- VTEC : for typing of verocytotoxin-producing E.coli bacteria
- QC-Plex : for simple DNA quality verification



3. MASTR Assays for next-gen sequencing

Multiplex Amplification of Specific Targets for Resequencing or “MASTR” is the newest addition to our portfolio.

MASTR-assays enable simultaneous, equimolar amplification of specific target genomic regions as starting material for next-gen sequencing protocols. The resulting amplicons are barcoded to unambiguously link each sequence read with the DNA sample it was derived from.

MASTR-assays...

- ✓ allow substantial reduction in workload and processing costs per sample
- ✓ enable highly specific, equimolar amplification of target DNA
- ✓ result in very reliable read counts
- ✓ are available for BRCA1&2 and CFTR testing



Assay Development Services

We also develop MAQ assays, multiplex PCR assays and MASTR assays for many custom projects. Based on the genomic region you wish to interrogate, we design and optimize specific kits.

Please enquire for more details.

Contact us :

MULTIPLICON N.V.

Rijvisschestraat 120, 9052 Gent, Belgium

Tel : + 32 499 704 814 Fax : + 32 9 244 66 10

www.multiplicon.com

