

## **Samplix Launches Xdrop™ – Providing PCR-free Target Enrichment of Single Molecules**

Today, Samplix announced the commercial launch of its Xdrop™ sample preparation products for PCR-free target enrichment yet maintaining PCR-level specificity.

Xdrop™ enables single molecule resolution and bias free enrichment of genomic regions longer than 100 kb from as little as 1 ng genomic DNA. Xdrop™ fits seamlessly with any sequencing platform and works equally well with both short-read and long-read sequencing systems.

The Xdrop™ products will be presented at the Genome Science 2019 conference in Edinburgh on September 3<sup>rd</sup> with an oral presentation titled: "Xdrop™ – Targeted Sequencing into the Dark and Unknown".

*"We are excited to launch our Xdrop™ sample preparation products that allow our customers to discover the true biological representation which we all acknowledge is challenging,"* said CEO Lars Kongsbak. *"To put it simply, Samplix allows customers to get more out of their samples by eliminating today's many shortcomings in sample preparation such as bias and lack of representation, which jeopardize the downstream sequencing".*

The Xdrop™ system builds on Samplix' proprietary technologies to partition single molecules in microfluidics cartridges that are simple to use. The product offering comprises an Xdrop™ instrument for cartridge control, different microfluidics cartridges and several molecular biology consumables optimized to work with the microfluidics cartridges.

Samplix' sample preparation is unique as it provides for PCR-free enrichment of large single molecules spanning entire genomic regions. The long-range information may comprise phasing, structural variants, repetitive sequences etc. Furthermore, as very little knowledge about the target sequence is required, the Xdrop™ enrichment may equally be applied to investigate uncharted genomic regions.

Samplix is accepting purchase orders for the Xdrop™ instrument at an initial price of €33,000 and shipments will commence immediately.

For more information, please visit [www.samplix.com](http://www.samplix.com).

### **ABOUT SAMPLIX**

Samplix offers proprietary products for PCR-free targeted single molecule enrichment of genomic regions. Samplix' technologies are based on advanced microfluidics, which in a simple work process, partitions millions of molecules in droplets thereby enabling high quality non-biased targeted enrichment of large fragments (>100 kb) for subsequent sequencing.