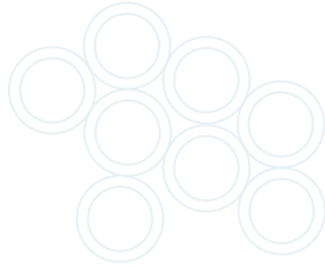


# Discover Xdrop™ Single Cell Whole Genome Amplification in Droplets

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Vice President Application and Market Development



# About Samplix



Danish life sciences company

- Founded in 2012

Xdrop™ platform

- A microfluidics system for single DNA molecule enrichment and amplification

Xdrop™ products

- Xdrop™ instrument
- Microfluidics cartridges
- Reagents
- Online software tools

Xdrop™ Services

- Unbiased amplification
- Enrichment
- Sequencing



# Xdrop™ Ensures Very Uniform Whole Genome Amplification (dMDA)

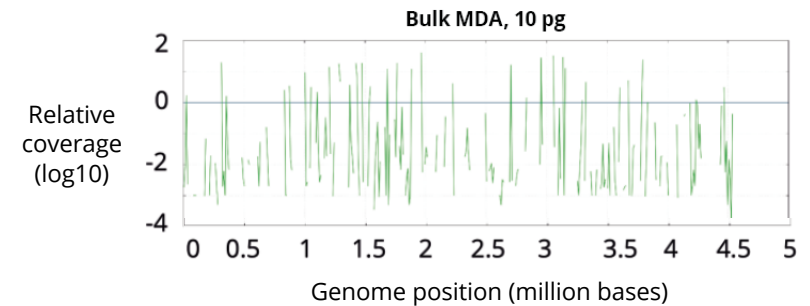
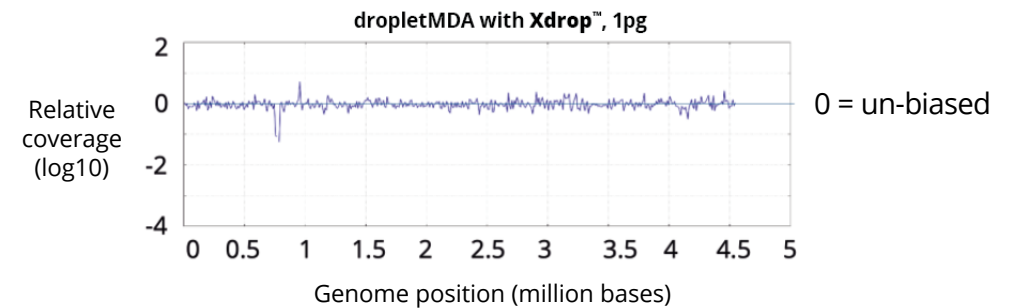
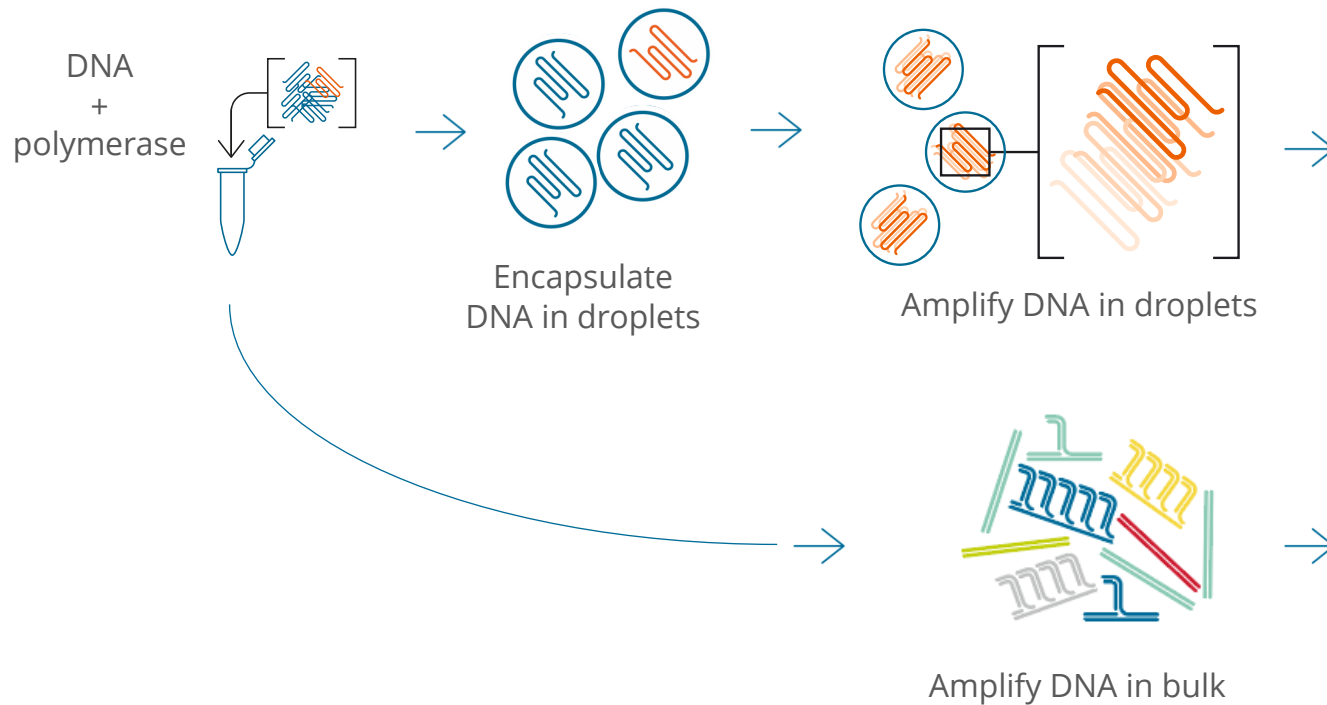


Xdrop™ instrument

Sample

Sample preparation by Samplix

Sequencing

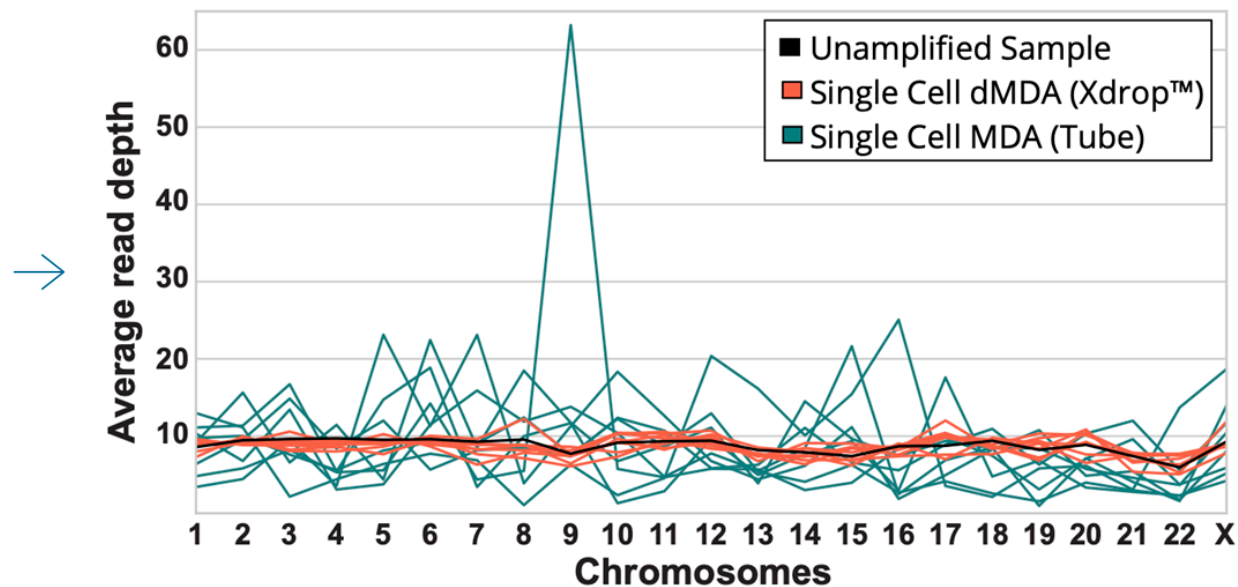


# Uniform Single Cell Whole Genome Amplification Supported by Xdrop™ dMDA



Microfluidics cartridge

- Within cartridge:
1. Lyse single cell
  2. Neutralize
  3. Droplet generation
  4. Amplification



# Xdrop™ May Also be Applied for Target Enrichment



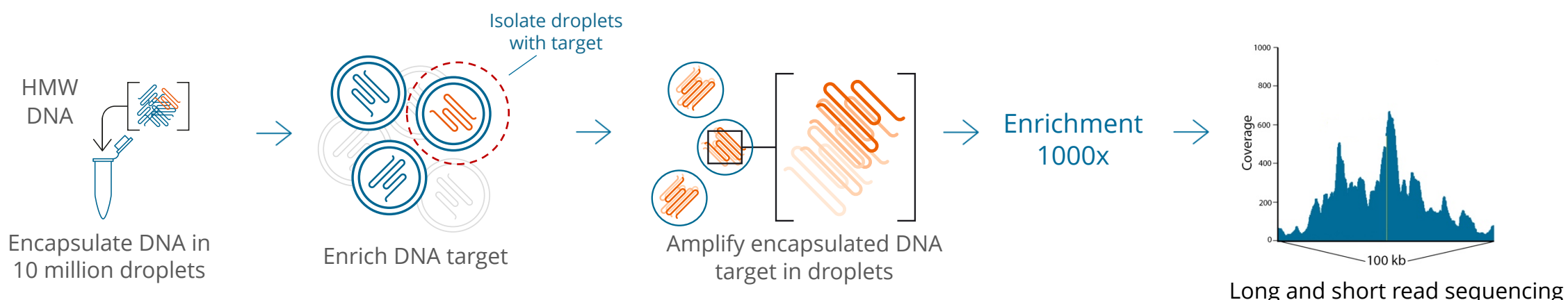
Sample



Xdrop™ instrument



Sequencing



Microfluidics cartridge



Microfluidics cartridge

# Xdrop™ Benefits summary



Unbiased amplification



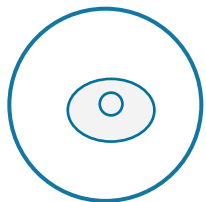
Fast workflow



Low Input DNA samples



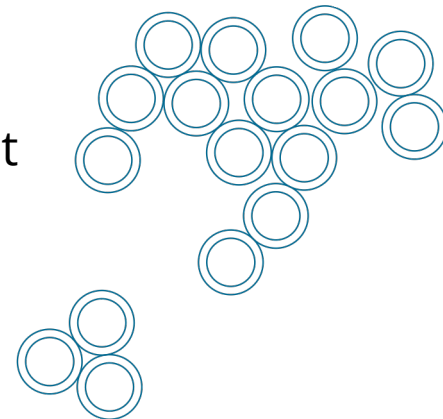
Long- and short-read sequencing



Single Cell WGA



Also targeted enrichment



[www.samlpox.com](http://www.samlpox.com)

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