

NxSeq HybCap Kits

Hybridisation-based NGS library target enrichment kits custom designed and built to your specifications

The [NxSeq™ HybCap™ Kits](#) are custom-designed, in-solution, hybridisation-based NGS library target enrichment kits compatible with libraries constructed using a variety of library preparation kits including LGC, Biosearch Technologies, Illumina®, Ion Torrent®, and many others. Your custom biotinylated RNA HybCap Oligo Probes are built based on your input and the goals of your target enrichment experiments. Each kit contains all the reagents necessary for hybridisation-based enrichment of your NGS libraries.

Cost effective and scalable – Four kit sizes available with up to 200K custom probes per kit to fit any project size and experimental goal.

Easy, flexible, personalised design service – Work directly with our Design Consultant to capture your needs and convert them into high performance HybCap Oligo Probes.

All inclusive – Each custom order will include the free design service, custom HybCap Oligo Probes, nucleic acid blockers and hybridisation and washing solutions, greatly simplifying your enrichment project.

Simple target enrichment workflow

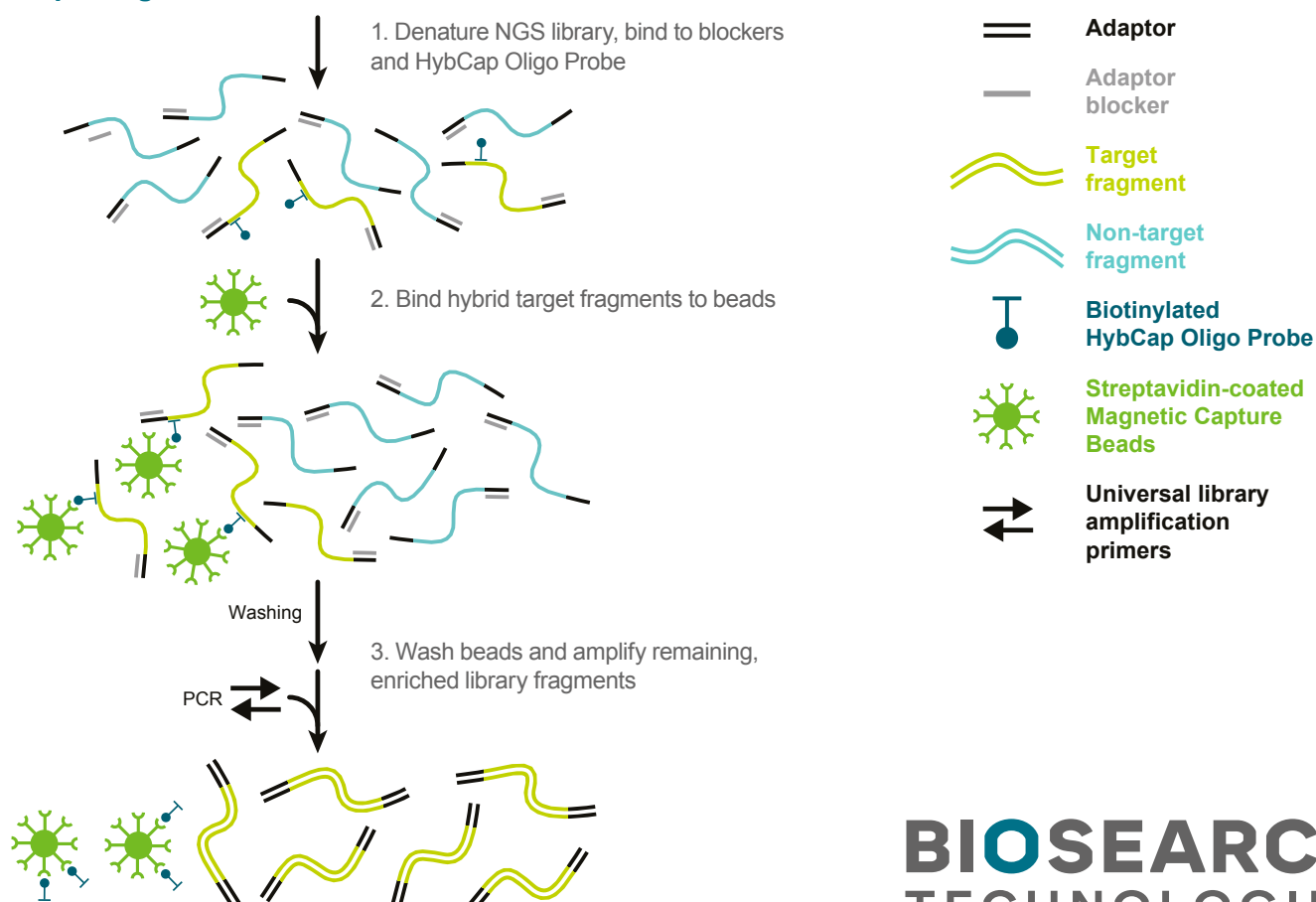


Figure 1: NxSeq HybCap Kit method overview

Full service, personalised design service

Each target enrichment project is unique which is why we created these custom kits and free, consultative design service. We'll work with you to understand your project, the challenges you face and your ultimate goals in order to produce the best HybCap Oligo Probe designs possible; we want your NGS target enrichment experiments to be successful.

NxSeq HybCap Kit custom design process



Enrichment applications

- Transgene mapping
- Genotyping
- Variant discovery
- Copy number variation
- Targeted RNA-seq
- Microbiome and pathogen identification
- Exon sequencing
- Paleogenetics/ancient DNA

**Contact us today
to get started:**

hybcap@lgcgroup.com

Ordering information

Cat no.	Description	Total capture length	Size
GEN-HC020K-016, -024, -096, -384	NxSeq HybCap Kit, 1-20K probes	~1 Mb	16, 24, 96, and 384 reactions available per probe level
GEN-HC040K-016, -024, -096, -384	NxSeq HybCap Kit, 21-40K probes	~2 Mb	
GEN-HC060K-016, -024, -096, -384	NxSeq HybCap Kit, 41-60K probes	~3 Mb	
GEN-HC080K-016, -024, -096, -384	NxSeq HybCap Kit, 61-80K probes	~4 Mb	
GEN-HC100K-016, -024, -096, -384	NxSeq HybCap Kit, 81-100K probes	~5 Mb	
GEN-HC120K-016, -024, -096, -384	NxSeq HybCap Kit, 101-120K probes	~6 Mb	
GEN-HC140K-016, -024, -096, -384	NxSeq HybCap Kit, 121-140K probes	~7 Mb	
GEN-HC160K-016, -024, -096, -384	NxSeq HybCap Kit, 141-160K probes	~8 Mb	
GEN-HC180K-016, -024, -096, -384	NxSeq HybCap Kit, 161-180K probes	~9 Mb	
GEN-HC200K-016, -024, -096, -384	NxSeq HybCap Kit, 181-200K probes	~10 Mb	

**Integrated tools.
Accelerated science.**

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