



Target Enrichment Kits for NGS

Any locus. **Any** organism.

Simultaneously enrich thousands of custom loci for ultra-efficient NGS

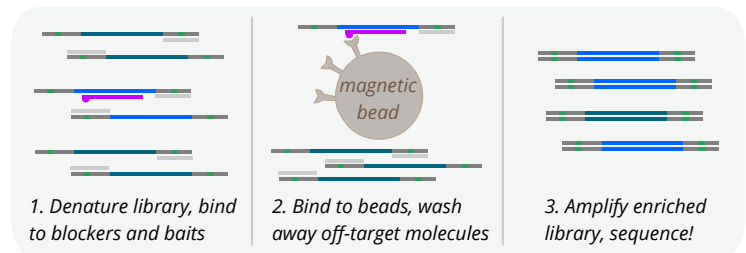


Rapid and easy-to-use

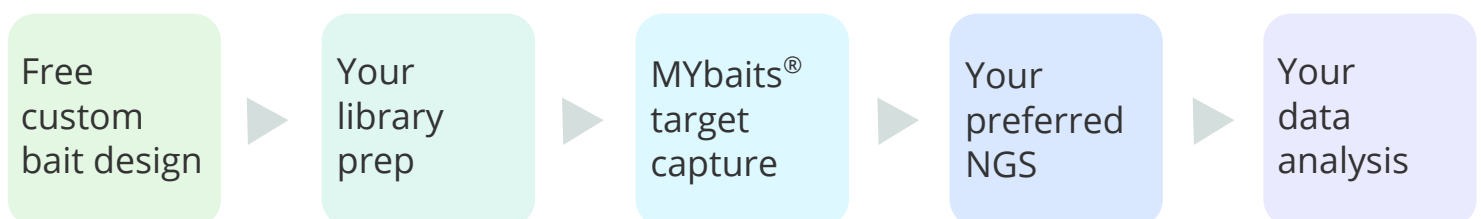
- Fully custom target enrichment for NGS
- Reliable, flexible, and affordable
- RNA baits and hybridization reagents in a convenient kit
- Couple with your preferred library preparation
- Target DNA sequences from animals, plants, & microbes
- Any sample source - even archival or ancient DNA
- Capture multiple taxa with the same kit
- Free bait design assistance

In-solution hybridization capture

- 1) Biotinylated RNA baits bind to targets
Library renaturation prevented with blockers
- 2) Hybrids isolated with magnetic beads
Non-target molecules washed away
- 3) Amplify enriched library with universal primers
= *Highly efficient targeted sequencing!*



Complete workflow:



Perfect balance of flexibility and affordability for custom target capture

- Our competitive pricing scales with number of baits and number of reactions
- Design your baits from any sequence
- Receive free bait design assistance from our experienced scientific team



Capture reactions	20K Baits (~1Mb)	60K Baits (~3Mb)	100K Baits (~5Mb)
12	\$2,400	\$3,600	\$4,800
24	\$3,600	\$5,400	\$7,200
48	\$5,760	\$8,640	\$11,520
96	\$8,640	\$12,960	\$17,280
192	\$13,440	\$20,160	\$26,880

Table 1. MYbaits Custom Kit Price Examples

Predesigned kits for common applications

Ultraconserved elements (UCEs)

- Tetrapods 2.5K & 5K
- Fish (Actinopterygians)
- Insect Hymenoptera

Starting at
8 reactions for \$600

Mitochondrial DNA (MYTObaits)

- For aDNA, eDNA, etc!
- Many organisms avail.
- Mix-and-match species

Starting at
6 reactions for \$540

Whole Genome Enrichment (WGE)

- Genome-wide data from degraded samples
- Human or Custom

Starting at
8 reactions for \$800

Human Cancer Panels (Onconome)

- 1000's of exons from 100's of cancer loci
- 1.0Mb & 1.5Mb panels

Starting at
12 reactions for \$1,140

Ready to tackle any challenge

- Ancient DNA & museum specimens
- Population genetics
- SNP typing (100s - 10,000's!)
- Variant discovery
- Partial exomes / exon capture
- Coding/non-coding regions
- Deep phylogenies
- RAD or GBS locus enrichment
- Mitochondria, chloroplast, plastid
- Ancestry/phenotypic markers
- Bacterial or viral pathogens
- Environmental DNA (eDNA)
- Targeted transcriptomics
- Ultraconserved elements
- Plants, mammals, fish, birds, microbes, etc!

Ask about our in-house NGS services!

Compatible with your preferred NGS library prep & barcoding system

- Illumina® TruSeq® Nano LT/HT & PCR-Free
- Illumina® Nextera® & Nextera® XT
- NEB® Ultra™ & Ultra™ II
- Kapa Biosystems® KAPA® Library Preparation, Hyper Prep, and HyperPlus kits
- Bioo Scientific®
- Swift Biosciences™
- *And many more!*



The trusted solution for targeted NGS

Explore MYbaits success stories on our website:
www.mycroarray.com/publications.html#MYbaits



Contact us today!

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