




WHO WE ARE

48Hour Discovery Inc. is a biotechnology company in the field of molecular discovery. We connect people's ideas and their physical samples with machine intelligence and next-generation sequencing technologies to make drug discovery **fast, easy, and transparent.**

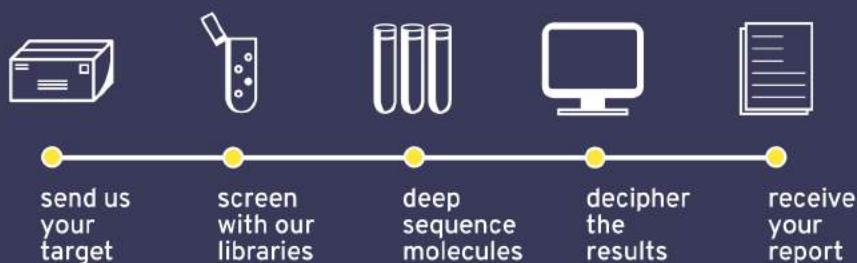
OUR SERVICES

-  Molecular discovery
-  Data analysis and visualization
-  Custom molecular libraries

OUR VISION

To create the largest interactive, publicly grown network of molecular discovery


SIMPLE PIPELINE





WHAT WE DO

Rapid, Royalty-free
Ligand Discovery for Any Target

OUR TECHNOLOGY

 Patented encoded libraries of chemically modified molecules enable discovery from billions of new entities.

 Versatile discovery platform is suitable for simple targets, complex targets, and cell-based targets.

 Powerful data analysis suite and open access database make molecular discovery more transparent.

WHY 48HOUR DISCOVERY?

At 48Hour Discovery, we believe that molecular discovery should not be the rate-limiting step for the development of therapeutics and diagnostics. That's why our team is committed to facilitating the discovery process for the pharmaceutical and biotechnology industries as well as academic researchers with our advanced discovery platform.

————— *Develop. Discover. Decipher.* —————

Develop
your target
with

Optimized Molecular Libraries

to explore diverse chemical space

unmodified peptides
stapled macrocycles
custom chemotypes

Discover
molecular ligands
with

Streamlined Discovery Platform

to cut waiting time for results

epitope mapping
cell-based targets
protein interactions

Decipher
sequence data
with

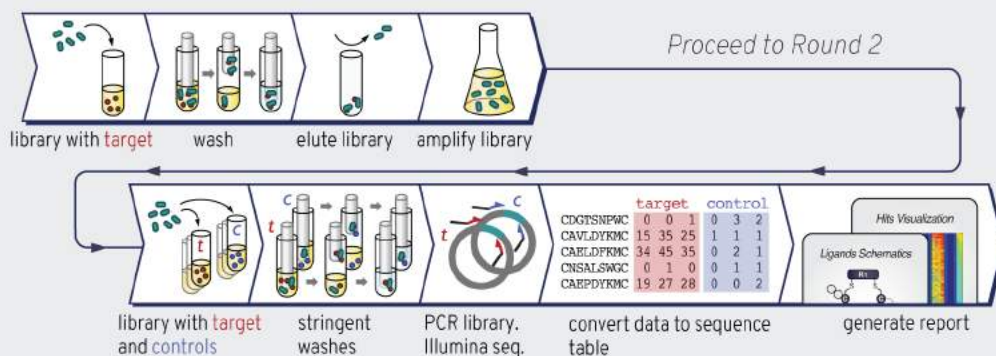
Powerful Data Analysis Suite

to transform data to visual analytics

statistical analyses
data visualization
open access database

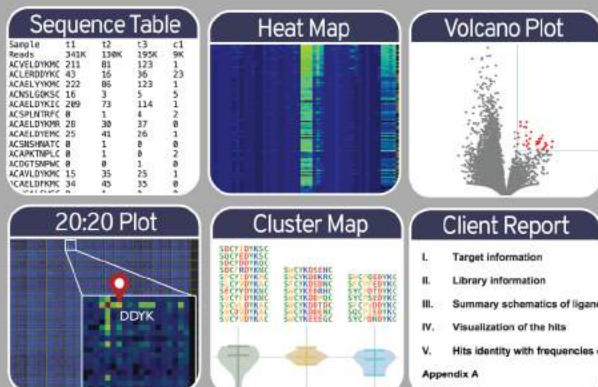
Multi-round Screening with Our Encoded Libraries

- More than 10^9 peptide-derived molecules at variable sizes (300-2000 Dalton)
- Tackle targets with shallow binding sites, examine protein-protein interactions



All-Inclusive Analyses Tools

- Convert FASTQ file to user-friendly sequence table
- Identify putative binders by statistical analysis
- Visualize data in easy-to-interpret reports



“... the 48Hour Discovery service can screen millions, even billions, of molecules simultaneously in a single test tube and get results in just 48 hours.” - GlycoNet (Canadian Glycomics Network)

— Transform Your Drug Discovery **Today**. —

Get **royalty-free ligands** and
access to our screening database
when you subscribe to our molecular discovery services!

Contact Us



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48hourdiscovery.com