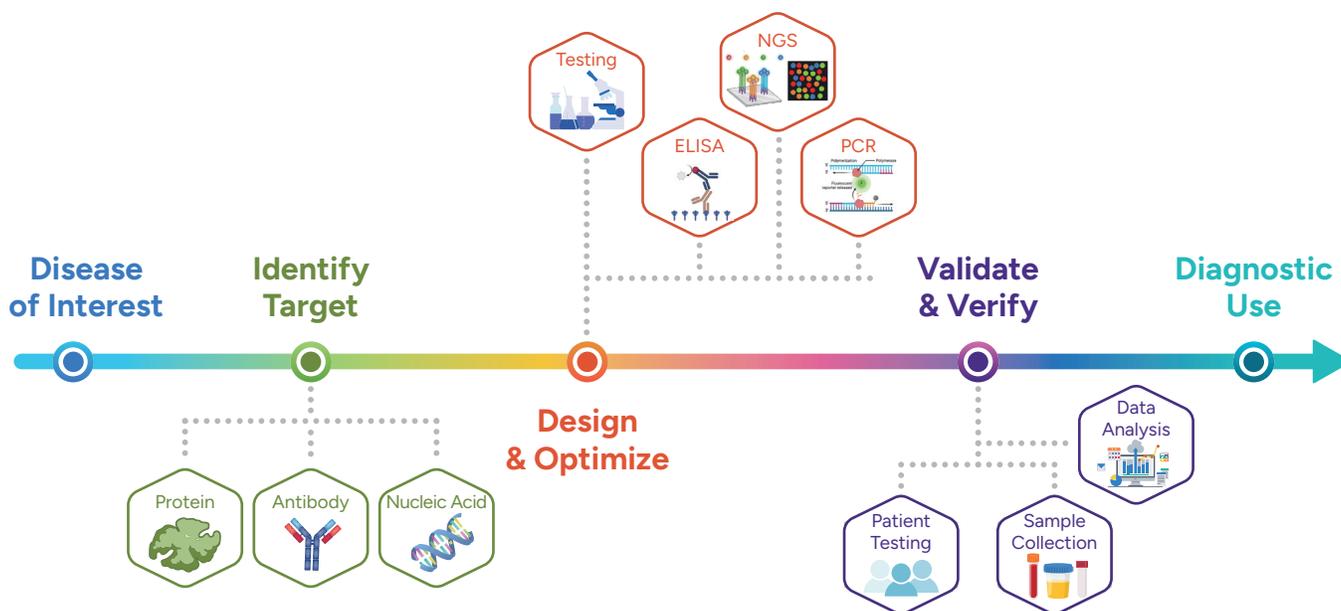


In Vitro Diagnostics

Overcome barriers of assay development

Accurate diagnostics are the backbone of modern medicine- enabling early detection, precise monitoring, and effective treatment decisions. However, developing sensitive and specific IVD assays comes with challenges, from securing high-quality raw materials to ensuring reproducibility across batches. Our custom antibodies, recombinant proteins, DNA synthesis, and molecular biology services are designed to meet rigorous IVD development standards.



Key Offerings



TurboCHO™ Ab/Protein Expression

- Reliable quantity: from mg to kg
- Delivery as fast as 5 days
- Scalable across workflow



Molecular Tools

- Cas proteins with high batch-to-batch consistency
- Free gRNA design tools
- High purity oligos



Customized Antibody Generation

- Reliable quantity: from mg to kg
- Delivery as fast as 5 days
- Scalable across workflow





Target Identification

1

Genome Analysis

- Custom DNA Oligo Synthesis
- NGS Target Enrichment
- PCR Reagents
- qPCR Oligos Service

Protein Analysis

- Catalog Ab and Peptides
- Cell-free Protein Expression
- Custom Ab and Peptides
- *E. coli* Protein Expression
- ELISA Kits
- Gels and Blotting
- Gene-to-plasmid service
- TurboCHO™ HT/Express Ab/Protein Expression

Assay Design & Optimization

2

Antibody or Antigen Detection

- Ab/Protein Labeling
- Bioconjugation
- Catalog Ab and Proteins
- Custom Ab
- *E. coli* Protein Expression
- IVD Antibodies
- TurboCHO™ HP/Stable Ab/Protein Expression

Nucleic Acid Detection

- CRISPR gRNA Libraries
- CRISPR/Cas9 Genome Editing Service
- Custom DNA Oligo Synthesis
- Mutagenesis Services
- PCR Reagents
- qPCR Probes and Primers



Assay Production & Quality Control

ISO-Level Production

- Antibody Production
- CRISPR Reagents
- Oligonucleotide Synthesis
- Peptide Synthesis
- Protein Expression



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