

# EMPOWERING DISCOVERY ACCELERATING SOLUTIONS

## Early Stage Drug Discovery

Target Identification & Validation

## Late Stage Drug Discovery

Antibody Discovery  
and Engineering

## Custom Reagents

## Assay Services & Solutions



Passion. Innovation. Life.



## **ENZENE AT A GLANCE**

At Enzene, we pride ourselves on our technical expertise, flexibility, and bespoke solutions. The comprehensive range of fully integrated services is designed to meet the unique needs of each client across the entire product lifecycle, from early-stage discovery to commercial manufacturing. Our services support the development and manufacturing of high-quality biopharmaceuticals in a timely and cost-effective manner to maximize accessibility.



# DISCOVERY AT ENZENE

## **Target identification and validation:**

- Target biology
- Gene/protein expression
- Cellular signaling pathway
- Genetic evidence
- Knockdown studies
- Pharmacological evidence & preclinical studies
- Druggability assessment
- Clinical human POC
- Off-target effects

## **Assay Services & Solutions:**

- Immunophenotyping
- Biomarker discovery, screening and characterization
- Cytokine and growth factor profiling
- In vitro immunogenicity assays
- Immunogenicity, pharmacokinetics and pharmacodynamics (PK/PD)
- Autoantibody detection
- Genomic and transcriptomic assays
- Effector function assays
- Fragment-based and/or small molecule screening assays
- Custom assay development
- Data analysis and Interpretation

## **Antibody discovery and engineering:**

- Multi-pronged approach to lead candidate generation
- Display engineering & sequence optimization
- Lead candidate identification: Screening
- Lead candidate evaluation
- Continuum to pre-clinical and clinical development

## **Custom reagents:**

- Protein & antibody reagents
- Synthetic peptides
- Advanced modalities (RNA, AAV plasmids, exosomes)





## Ready to bring your next molecule to life?

Contact us today and DISCOVER how ENZENE can help you:  
[BD@enzene.com](mailto:BD@enzene.com) | [www.enzene.com](http://www.enzene.com)



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