

Enzyme Assay Services

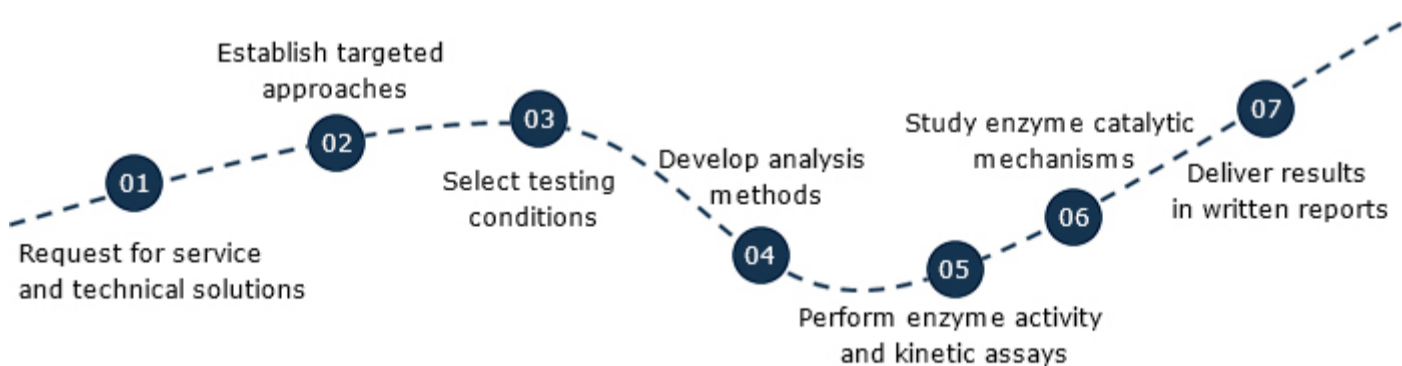
Creative Enzymes provides high-quality services for many types of enzyme assays, which are designed and performed by our team of experts. Our service package can also be the solution for your entire research project.

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Highlighted Services

Activity measurement	• Kinases, phosphatases, proteinases, deacetylase, peptidase, esterase, and other enzymes
	• Kit assays and customized assays
	• High-throughput screening
Development of analysis methods	• Develop assays for newly discovered enzymes or unknown conditions
	• Perform challenging assay such as reversible reactions and coupled tests
Enzyme kinetics	• Determine parameters for every enzyme such as V_{max} , K_d , K_M , k_{cat} , k_1 and k_{-1}
Enzyme catalytic mechanisms	• Multiple technologies including crystallography (structural biology), site-directed mutagenesis, reporter group labeling of the substrate or inhibitor, and kinetic measurement with the isotope effect are available.

Workflow



Advantages

- Specialized expertise and resources
- Specialized analysis
- Full range assay equipment and platforms
- High throughput with at least 200 candidates per assay
- Sensitive miniaturized assays
- Rapid and accurate results
- One-stop solution



For more enzyme-related products and services, please visit our website:

<https://www.creative-enzymes.com>