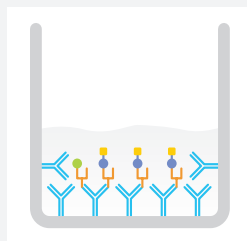


# Assay Kits

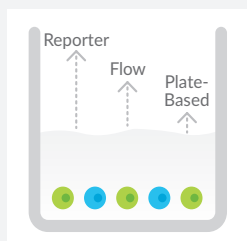
Cayman Chemical offers hundreds of highly sensitive, robust assay kits in a variety of formats to monitor biomarkers, assess cellular health, screen inhibitors, and measure enzyme activity. Each of our assay kits undergoes rigorous quality testing to certify high precision and accuracy to deliver the sensitivity and specificity needed to detect biologically significant analyte levels.



## ELISAs (225+)

[VIEW ALL](#)

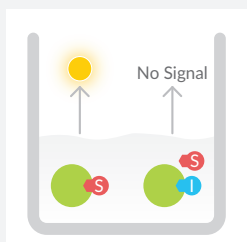
- Antibodies & Autoantibodies
- Cyclic Nucleotides & Dinucleotides
- DNA Damage Markers
- Environmental Toxins & Pollutant Biomarkers
- Hormones
- Immune Signaling Factors
- Lipids & Steroids
- Transcription Factors



## Cell-based Assays (175+)

[VIEW ALL](#)

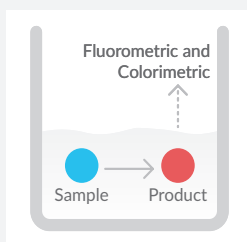
- Cell Viability
- Lipid Uptake
- Metabolic Activity
- Mitochondrial Function
- Neutrophil Activity
- Nuclear Receptor Activity
- Proliferation & Cell Cycle Phase
- Reactive Species



## Inhibitor Screening Assays (60+)

[VIEW ALL](#)

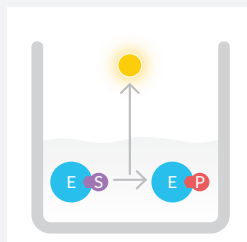
- Bioactive Lipid Metabolism Enzymes
- Bromodomains & Tudor Domains
- Cell Death Regulators
- Epigenetic Enzymes
- Immune Signaling
- Metabolic Enzymes



## Detection Kits (40+)

[VIEW ALL](#)

- Antioxidants
- ATP
- Calcium
- Lipids
- Metabolic Pathway Intermediates
- Oxidative Damage Markers
- Oxidized Lipids & Proteins
- Urinary Metabolites



## Enzyme Activity Assays (35+)

[VIEW ALL](#)

- Cellular Metabolism Enzymes
- Epigenetic Enzymes
- Lipid Metabolism Enzymes
- Liver Enzymes
- Mitochondrial Function Enzymes
- Oxidative Stress & Redox Enzymes

# Featured Assay Kits by Research Area

## Cardiovascular & Renal System

Item No.	Product Name
10007640	Cholesterol Fluorometric Assay Kit
500701	Creatinine (urinary) Colorimetric Assay Kit
700540	Hemoglobin Colorimetric Assay Kit
10006910	HIF-1 $\alpha$ Transcription Factor Assay Kit
10011125	LDL Uptake Cell-Based Assay Kit
515211	6-keto Prostaglandin F <sub>1<math>\alpha</math></sub> ELISA Kit
501020	Thromboxane B <sub>2</sub> ELISA Kit
519510	11-dehydro Thromboxane B <sub>2</sub> ELISA Kit - Monoclonal
700320	Uric Acid Assay Kit

More than 90 cardiovascular & renal system assays available

## Immunology & Inflammation

Item No.	Product Name
500830	Anti-Ovalbumin IgG1 (mouse) ELISA Kit
501700	2'3'-cGAMP ELISA Kit
501620	Citrullinated Histone H3 (Clone 11D3) ELISA Kit
500910	Human Therapeutic IgG1 ELISA Kit
502390	Leukotriene B <sub>4</sub> ELISA Kit
601010	NETosis Assay Kit
10007889	NF- $\kappa$ B (p65) Transcription Factor Assay Kit
500380	Resolvin D1 ELISA Kit
514010	Prostaglandin E <sub>2</sub> ELISA Kit - Monoclonal
500290	Phagocytosis Assay Kit (IgG FITC)

More than 250 immunology & inflammation assays available

## Endocrinology & Metabolism

Item No.	Product Name
700260	Alanine Transaminase Colorimetric Activity Assay Kit
501320	Corticosterone ELISA Kit
500360	Cortisol ELISA Kit
501890	Estradiol ELISA Kit
700480	Glycogen Assay Kit
700190	$\beta$ -Hydroxybutyrate (Ketone Body) Colorimetric Assay Kit
700510	L-Lactate Assay Kit
582701	Testosterone ELISA Kit
10010303	Triglyceride Colorimetric Assay Kit

More than 240 endocrinology & metabolism assays available

## Cell Biology

Item No.	Product Name
700410	ATP Detection Assay Kit - Luminescence
701220	Calcium Assay Kit
581001	Cyclic AMP ELISA Kit
581021	Cyclic GMP ELISA Kit
10009172	JC-1 Mitochondrial Membrane Potential Assay Kit
601170	LDH Cytotoxicity Assay Kit
700930	MitoCheck <sup>®</sup> Complex I Activity Assay Kit
600800	Oxygen Consumption Rate Assay Kit
10010200	XTT Cell Proliferation Assay Kit

More than 150 cell biology assays available

## Oxidative Stress & Reactive Species

Item No.	Product Name
709001	Antioxidant Assay Kit
707002	Catalase Assay Kit
589320	DNA/RNA Oxidative Damage (High Sensitivity) ELISA Kit
703002	Glutathione Assay Kit
703102	Glutathione Peroxidase Assay Kit
516351	8-Isoprostane ELISA Kit
10005020	Protein Carbonyl Colorimetric Assay Kit
780001	Nitrate/Nitrite Colorimetric Assay Kit
706002	Superoxide Dismutase Assay Kit
10009055	TBARS Assay Kit

More than 60 oxidative stress & reactive species assays available

## Lipid Biochemistry

Item No.	Product Name
760151	COX Activity Assay Kit
701050	COX Colorimetric Inhibitor Screening Assay Kit
500390	Cysteinyl Leukotriene ELISA Kit
10005196	Fatty Acid Amide Hydrolase Inhibitor Screening Assay Kit
700310	Free Fatty Acid Fluorometric Assay Kit
760700	Lipoxygenase Inhibitor Screening Assay Kit
765001	sPLA <sub>2</sub> Assay Kit
514531	Prostaglandin E Metabolite ELISA Kit
10009928	Sphingomyelin Colorimetric Assay Kit

More than 90 lipid biochemistry assays available

View a complete list of Assay Kits at [www.caymanchem.com](http://www.caymanchem.com)