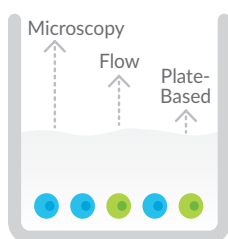


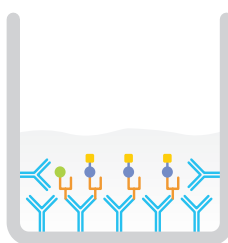
# Assay Kits

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.



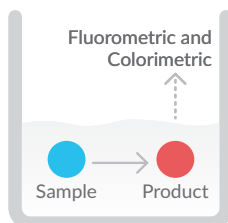
## Cell-Based Assays (100+)

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



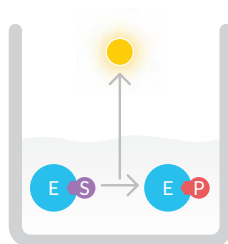
## ELISAs (175+)

- Cyclic Nucleotides
- Environmental Disruptors
- Hormones
- Immune Signaling Factors
- Lipids
- Transcription Factors



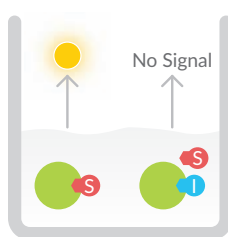
## Detection Kits (30+)

- Antioxidants
- ATP
- Kidney Function Byproducts
- Lipids
- Metabolic Pathway Intermediates
- Oxidative Damage Markers
- Oxidized Proteins
- Phosphate Release



## Enzyme Activity Assays (30+)

- Cellular Metabolism Enzymes
- Epigenetic Enzymes
- Lipid Metabolism Enzymes
- Mitochondrial Biology Enzymes
- Oxidative Stress Enzymes



## Inhibitor Screening Assays (50+)

- Bromodomains & Tudor Domains
- Epigenetic Enzymes
- Lipid Binding Proteins
- Lipid Enzymes
- Nuclear Receptors
- Protein Enzymes

# Featured Assay Kits by Research Area

## Cancer

Item No.	Product Name
709001	Antioxidant Assay Kit
10009135	Caspase-3/7 Fluorescence Assay Kit
589324	DNA Methylation ELISA Kit
589320	DNA/RNA Oxidative Damage (High Sensitivity) ELISA Kit
700210	DPP (IV) Inhibitor Screening Assay Kit
600470	Glucose Uptake Cell-Based Assay Kit
703102	Glutathione Peroxidase Assay Kit
10006910	HIF-1 $\alpha$ Transcription Factor Assay Kit
705002	Lipid Hydroperoxide (LPO) Assay Kit
706002	Superoxide Dismutase Assay Kit

[More than 100 cancer research assays available](#)

## Immunology & Inflammation

Item No.	Product Name
501700	2'3'-cGAMP ELISA Kit
501620	Citrullinated Histone H3 (Clone 11D3) ELISA Kit
500390	Cysteinyl Leukotriene ELISA Kit
589651	Histamine EIA Kit
500910	Human Therapeutic IgG1 ELISA Kit
520111	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
500290	Phagocytosis Assay Kit (IgG FITC)

[More than 145 immunology & inflammation assays available](#)

## Metabolism

Item No.	Product Name
501320	Corticosterone ELISA Kit
500360	Cortisol ELISA Kit
500701	Creatinine (urinary) Colorimetric Assay Kit
10009582	Glucose Colorimetric Assay Kit
700190	$\beta$ -Hydroxybutyrate (Ketone Body) Colorimetric Assay Kit
500440	Oxytocin ELISA Kit
582601	Progesterone ELISA Kit
582701	Testosterone ELISA Kit
582751	11-keto Testosterone ELISA Kit
10010303	Triglyceride Colorimetric Assay Kit

[More than 200 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
10011125	LDL Uptake Cell-Based Assay Kit
700930	MitoCheck <sup>®</sup> Complex I Activity Assay Kit
600800	Oxygen Consumption Rate Assay Kit
601100	Protein Synthesis Assay Kit

[More than 120 cell biology assays available](#)

## Lipids

Item No.	Product Name
700100	COX Fluorescent Inhibitor Screening Assay Kit
700310	Free Fatty Acid Fluorometric Assay Kit
501060	Leukotriene E <sub>4</sub> ELISA Kit
512031	Prostaglandin D <sub>2</sub> ELISA Kit
514531	Prostaglandin E Metabolite ELISA Kit
514010	Prostaglandin E <sub>2</sub> ELISA Kit - Monoclonal
516011	Prostaglandin F <sub>2a</sub> ELISA Kit
500380	Resolvin D1 ELISA Kit
765001	sPLA <sub>2</sub> Assay Kit
501020	Thromboxane B <sub>2</sub> ELISA Kit

[More than 70 lipid research 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
703202	Glutathione Reductase Assay Kit
516351	8-Isoprostane ELISA Kit
780051	Nitrate/Nitrite Fluorometric Assay Kit
706002	Superoxide Dismutase Assay Kit
10009055	TBARS Assay Kit

[More than 45 oxidative stress & reactive species assays available](#)

To view a complete list of our assay kits,  
visit us online at [www.caymanchem.com](http://www.caymanchem.com)

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