

Simple and Effective Assays for Basic Research



Cayman has developed a range of assay kits designed with convenience in mind for your most fundamental data collection tasks. Whether assessing cell health, detecting oxidative stress markers, determining metabolic parameters, or monitoring organ function, our kits provide all the necessary reagents, plates, protocols, and analysis tools to help you obtain fast, accurate results.

Cell Health Assay Kits

Item No.	Product Name
601170	LDH Cytotoxicity Assay Kit
10009365	MTT Cell Proliferation Assay Kit
702540	Resazurin Cell Viability Assay Kit
10008883	WST-1 Cell Proliferation Assay Kit
10010199	WST-8 Cell Proliferation Assay Kit
10010200	XTT Cell Proliferation Assay Kit

View additional cytotoxicity assay kits at www.caymanchem.com

Apoptosis Assay Kits

Item No.	Product Name
600300	Annexin V FITC Assay Kit
10009135	Caspase-3/7 Fluorescence Assay Kit
601360	Early Apoptosis Detection Assay Kit
10009172	JC-1 Mitochondrial Membrane Potential Assay Kit
601280	Multi-Parameter Apoptosis Assay Kit

View all apoptosis assay kits at www.caymanchem.com

Guide to Cell Death Mechanisms & Detection Tools

Download our guide to explore more tools to study apoptosis and other cell death pathways.

www.caymanchem.com/CellDeath

Cell Cycle Assay Kits

Cell Cycle Phase Determination Kit

Item No. 10009349

- Easy-to-use kit for flow cytometric analysis of cell cycle progression
- Determine the percentage of cells in G₀/G₁, G₂, or S phase

Senescence-Associated β -Galactosidase Staining Kit - Item No. 602010

- Enables visual detection of senescent cells using a chromogenic substrate

Isolation and Extraction Kits

Item No.	Product Name
660990	DNA Laddering Kit
702420	Extracellular Vesicle Isolation Kit (plasma and serum)
702630	Extracellular Vesicle Isolation Kit (Tissue Culture)
601740	Macrophage (mouse) Elicitation Kit
701010	MitoCheck® Mitochondrial (Tissue) Isolation Kit
601070	Neutrophil (mouse) Isolation Kit
10009277	Nuclear Extraction Kit
36740	Precellys® Tissue DNA Extraction Kit
36741	Precellys® Tissue Total RNA Extraction Kit

Simplified Workflows · Extensive Quality Control · Performance Reliability · Expert Technical Support

Learn more about our assay kits and why scientists keep choosing Cayman assays for their research.

www.caymanchem.com/whycaymanassays

Tagged and Total Protein Detection Kits

Item No.	Product Name
501560	DYKDDDDK-Tag Detection ELISA Kit
10012445	His-Tag Detection ELISA Kit
701780	Protein Determination (BCA) Kit
704002	Protein Determination Kit

Second Messenger Assay Kits

Item No.	Product Name
701220	Calcium Assay Kit
581001	Cyclic AMP ELISA Kit
581021	Cyclic GMP ELISA Kit

View additional cyclic mononucleotide assay kits at www.caymanchem.com

Oxidative Stress Assay Kits

Item No.	Product Name
589320	DNA/RNA Oxidative Damage (High Sensitivity) ELISA Kit
780001	Nitrate/Nitrite Colorimetric Assay Kit
601290	ROS Detection Cell-Based Assay Kit (DHE)
10009055	TBARS Assay Kit
700340	Thiol Detection Assay Kit

Antioxidant Assay Kits

Item No.	Product Name
709001	Antioxidant Assay Kit
707002	Catalase Assay Kit
703002	Glutathione Assay Kit
703102	Glutathione Peroxidase Assay Kit
706002	Superoxide Dismutase Assay Kit

View all oxidative stress and reactive species assay kits at www.caymanchem.com

Guide to Oxidative Stress: Markers & Detection Tools

Download the guide to find additional tools and assays for oxidative stress research.

www.caymanchem.com/oxstress-guide

Metabolism Assay Kits

Item No.	Product Name
700410	ATP Detection Assay Kit - Luminescence
10007640	Cholesterol Fluorometric Assay Kit
10009582	Glucose Colorimetric Assay Kit
10010755	Glycerol Colorimetric Assay Kit
700480	Glycogen Assay Kit
700510	L-Lactate Assay Kit
600800	Oxygen Consumption Rate Assay Kit
10010303	Triglyceride Colorimetric Assay Kit

View all endocrinology and metabolism assay kits at www.caymanchem.com

MitoCheck® Assays

Measure the activity of citrate synthase and complexes I-V of the electron transport chain with Cayman's MitoCheck® assays.

www.caymanchem.com/mitocheck

Organ Health and Function Assay Kits

Item No.	Product Name
700260	Alanine Transaminase Colorimetric Activity Assay Kit
501760	Albumin (human) ELISA Kit
701710	Alkaline Phosphatase Colorimetric Activity Assay Kit
701640	Aspartate Aminotransferase Colorimetric Activity Assay Kit
700460	Creatinine (serum) Colorimetric Assay Kit
500701	Creatinine (urinary) Colorimetric Assay Kit
502330	Creatinine ELISA Kit
701720	Total and Direct Bilirubin Colorimetric Assay Kit
700620	Urea Fluorometric Assay Kit

Custom Assay Development

Rely on our experts to build robust quantitative assays on a variety of analysis and detection platforms to suit your specific target and application.

www.caymanchem.com/assayservices

Find more than 730 assay kits at www.caymanchem.com