

Solutions for Research & Discovery

Convenient, Safe and Cost-effective



BIOASSAY SYSTEMS offers assay kits that are simple, convenient to use and superior in performance. With our assay kits, researchers need little-to-no time for assay optimization. We specialize in biochemical and cell-based assays for both routine laboratory tests and for high-throughput drug discovery applications with a focus on safe, non-radioactive assay formats such as absorbance, fluorescence and luminescence detection techniques. Our product portfolio consists of kits and analytical services for a broad range of research areas including:

- Blood/Urine Chemistry
- Energy Metabolism
- Enzyme Activity
- HTS Reagents
- Ion Assays
- Oxidative Stress
- Signal Transduction

For more information or to place an order, please contact:

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Handheld Colorimeter (570nm, Cat# CL570)

Portable and light-weight, our handheld fluorimeters provide exceptional sensitivity, rapid-reading, and reliability at a much lower cost than other portable fluorimeters on the market. These convenient readers can be used for applications in many fields such as biology, chemistry, medicine, food safety and environmental monitoring. Three common excitation/emission wavelength configurations are offered. Built-in memory saves data, which can be retrieved for data analysis by a USB interface.

Simple Procedure:

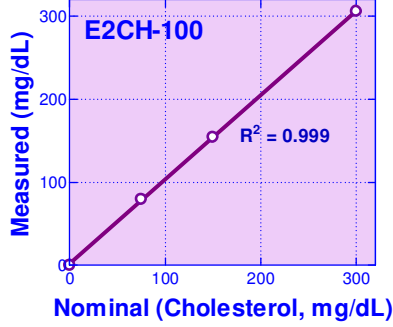
1. Prepare assay reactions.
2. Calibrate reader.
3. Measure samples.

Example: Cholesterol Assay (Cat# E2CH-100)

Samples: Serum, plasma, and other biological samples.

Assay Performance

Linear detection range: 0 to 300 mg/dL
Detection limit: 1 mg/dL
Typical precision (CV%): <1%.



Compatible Assays for CL570 Reader

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|--------------------------------------|-------------------------------------|
| - Acetate Assay (EOAC-100) | - Glycogen Assay (E2GN-100) |
| - Acetylcholine Assay (EACL-100) | - HDL/LDL Assay (E2HL-100) |
| - Adipolysis Assay (EAPL-200) | - Invertase Assay (EIVT-100) |
| - Alanine Assay (EALA-100) | - Iron Assay (DIFE-100) |
| - α -Amylase Assay (ECAM-100) | - Lactate Assay (ECLC/EDLC-100) |
| - α -Amylase Assay (DAMY-100) | - LDH Assay (DLDH-100) |
| - Antioxidant Assay (DTAC-100) | - LDH Cytotoxicity Assay (CQLD-100) |
| - Ascorbic Acid Assay (EASC-100) | - Lactose Assay (ELAC-100) |
| - Catalase Assay (ECAT-100) | - NAD/NADH Assay (E2ND-100) |
| - Cell Viability Assay (CQBL-05K) | - NADP/NADPH Assay (ECNP-100) |
| - Cell viability Assay (CQMT-500) | - Neuraminidase Assay (ENEU-100) |
| - Cholesterol Assay (E2CH-100) | - Peroxidase Assay (DPOD-100) |
| - Choline Assay (ECHO-100) | - Peroxide Assay (DIOX-100) |
| - Coenzyme A Assay (ECOA-100) | - Phenylalanine Assay (EPHE-100) |
| - Creatine Assay (ECRT-100) | - Phospholipase D Assay (EPPD-100) |
| - Ethanol Assay (ECET-100) | - Phospholipid Assay (EPLP-100) |
| - Fatty Acid Assay (EFFA-100) | - Pyruvate Assay (EPYR-100) |
| - Fructose Assay (EFRU-100) | - Sialic Acid Assay (ESLA/DSLA-100) |
| - Galactose Assay (EGAL-100) | - Starch Assay (E2ST-100) |
| - Glucose Assay (EBGL-100) | - Sucrose Assay (ESUC-100) |
| - Glutamate Assay (EGLT-100) | - TBARS Assay (DTBA-100) |
| - Glutamine Assay (EGLN-100) | - Triglyceride Assay (ETGA-200) |
| - Glycerol Assay (EGLY-200) | - Uric acid Assay (DIUA-250) |

