



# Canvax™ Cell based Assays

## Exceptional Sensitivity & Savings for most used measurements

### About Canvax™

Since 2001, Canvax™ has been an Original Manufacturer & Supplier of the Most Innovative Solutions, Services, Kits and R&D Reagents inside the Life Sciences field. **Awarded as Most Innovative Company in 2014, with 10 Technologies Patented Worldwide or Unprecedented Milestones achieved**, Canvax™ markets all its unmatched know-how, exclusive Expertise and worldwide leading R&D knowledge through its Reliable, Cost-effective and Easy-to-use Innovative Solutions.

For a complete listing of Canvax™ Highly Innovative Molecular & Cell Biology solutions, please visit: [canvaxbio.com](http://canvaxbio.com)

### Canvax™ Cell based Assays

Nowadays, **Cell and Molecule Analysis** are critical steps for studying cellular mechanisms in any Life Sciences lab, as it offers additional information about Intracellular Molecular Targets in a real Biological environment.

Canvax™ offers a wide range of high quality Cell-based tools and Molecule Detection Kits designed for greater sensitivity and increased Throughput for most common measurements like **Cell Viability, Proliferation, Cytotoxicity, Reporter Gene or Oxidative Stress** Assays.

Canvax™ Cell based Assays offers following **Benefits & Advantages**:

- >> **Fully Quantitative Data**, thanks to its exceptional Sensibility.
- >> **Convenient, Easy-to-follow and time-saving protocols**: get faster results with minimal handling steps.
- >> **Price-Advantage**: analogous Performance and Specifications than higher Price Products.
- >> **Safe Protocols**.
- >> **Longer Shelf life**: 24 months from the date of purchase due a novel manufacturing process.
- >> **Products in stock**: Ready-to-ship immediately.
- >> **Results or Refunds**: product covered by Canvax™ Risk-free Warranty.



### **Annexin V Apoptosis Detection Kits**

For a Fast, Easy & Safe Detection of Apoptosis by Flow Cytometry and Fluorescence Microscopy

>> Convenient: available the most used Kits.

**Ordering info:**

Type	Cat. No.	Size	Price
FITC	CA011	100 assays	199€
V-APC	CA012	100 assays	199€
V-Biotin	CA013	100 assays	199€
V-PE	CA014	100 assays	199€



### **XTT Cell Proliferation Assay Kit**

For a Fast, Accurate & Sensitive Colorimetric Detection of Cellular Metabolic Activities

>> Proven performance for High Throughput Assays.  
>> Avoids steps that could cause cell loss and variability.

**Ordering info:**

CA031-S	500 assays	79 €
CA031	1,000 assays	159 €



### **SRB Cytotoxicity Assay**

Sensitive, Reproducible & Easy-to-use Colorimetric Assay for Cytotoxicity Detection

>> Great linearity.  
>> Excellent signal-to-noise ratio.  
>> Stable end-point.

**Ordering info:**

CA050	1,000 assays	95 €
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### **Resazurin Cell Viability Assay**

For a Reliable, Sensitive & Easy Fluorescent Detection of Cellular Metabolic activity

>> Ideal for fast Fluorometric measurement of Metabolic Activity of living cells.

**Ordering info:**

CA035-S	2,500 assays	79 €
CA035	10,000 assays	299 €



### **Senescence Detection Kit**

For a Fast, Convenient & Easy measure of SA-B-Gal activity in Cells Cultures

>> The specific histochemical marker is only present in senescent cells and is not found in pre-senescent, quiescent or immortal cells.

**Ordering info:**

CA090	100 assays	149 €
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### **SEAP Reporter Gene Assay Kit**

For a really Easy, Sensitive & Fast measurement, Luminescence based, of SEAP levels in the Culture medium

>> Convenient: a single set of cells could be used for both the SEAP Assay and another purpose.

**Ordering info:**

CA040	3 x 96 well plate	299 €
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### **FDG – Galactosidase Assay Kit**

Fast, Easy & Highly Sensitive tool for Fluorometric measurements of active  $\beta$ -Galactosidase levels expressed in cells transfected with plasmids expressing Lac Z

>> Highly Sensitive: measurements at femtogram levels.

#### **Ordering info:**

CA083	500 assays	259 €
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### **ONPG – Galactosidase Assay Kit**

For a Fast, Stable & Convenient measure of active  $\beta$ -Galactosidase levels expressed in cells transfected with plasmids expressing Lac Z

>> Proven performance to quantify high expression level of beta-Gal.

#### **Ordering info:**

CA080	500 assays	204 €
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### **Firefly Luciferase Assay Kit**

Accurate, Sensitive & Easy studying Gene Reporter Regulation and Function in transformed Cell lines

>> Linear correlation between Luciferase gene expression and light output for Transfection.  
>> Ideal for High Throughput Assays.

#### **Ordering info:**

CA130	100 assays	69 €
CA135	1,000 assays	349 €



### **Firefly & Renilla Dual Luciferase Single Tube Assay Kit**

For an extremely Sensitive & Fast measure of Firefly & Renilla Luciferase activities in transfected Cell Reporter

>> Single tube format.  
>> Ideal for High Throughput Assays.

#### **Ordering info:**

CA140	100 assays	219 €
CA145	1,000 assays	1,346 €



### **Superoxide Dismutase (SOD) Assay Kit**

For a Fast, Easy & Highly Sensitive Quantitative determination of SOD enzyme activity

>> Suitable for Plasma, Serum, Cells or Tissues.

#### **Ordering info:**

CA061	100 assays	249 €
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### **Catalase Activity Assay Kit**

For a Fast, Easy & Highly Sensitive Colorimetric & Fluorometric Measure of Catalase activity

>> Ideal for measurements in various biological samples.

#### **Ordering info:**

CA063	100 assays	249 €
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### **PI / Cell Cycle Analysis Kit**

**Fast & Convenient Flow Cytometer Cell Cycle Analysis using Propidium Iodide DNA staining**

>> Ideal for Monitoring of Cell Cycle progression.

**Ordering info:**

CA112	200 rxn	198 €
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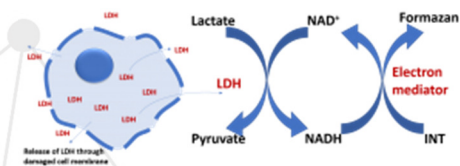
### **TBARS Assay Kit**

**Accurate, Simple & Fast Colorimetric or Fluorometric MDA Quantitation**

>> Standardized tool for assaying lipid peroxidation in Plasma, Serum, Urine, Tissue homogenates, and Cell Lysates.

**Ordering info:**

CA995	96 assays	224 €
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### **LDH Cytotoxicity Assay Kit**

**For a Sensitive, Reproducible & Easy-to-use Colorimetric assay for Cytotoxicity Detection**

>> Ideal for High-Throughput Screening.  
>> Save, Fast and Easy Detection in a simple one-step procedure.

**Ordering info:**

CA0020	400 assays	192 €
CA0022	2,000 assays	490 €



### **ROS Detection Assay Kit**

**Highly Sensitive Assay for Reactive Oxygen Species Measurement (DCFDA / H<sub>2</sub>DCFDA)**

>> Save, Fast and Easy Detection in a simple one-step procedure.  
>> Based on unique fluorescent probe H<sub>2</sub>DCFDA.

**Ordering info:**

CA093	5 x 96 assays	235 €
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