

## Senescence Detection Kit (Fluorometric)

### Product Information

**Cat**

Kit-2325

**Cat.No.**

Kit-2325

### Product Overview

Senescence is thought to be a tumor suppressive mechanism and an underlying cause of aging. Senescence represents an arrested state in which the cells remain viable, but not stimulated to divide by serum or passage in culture. Senescent cells display increase of cell size, senescence-associated expression of  $\beta$ -galactosidase (SA- $\beta$ -Gal) activity, and altered patterns of gene expression. The Senescence detection kit is designed to fluorescently detect SA- $\beta$ -Gal activity in cultured cells by FACS. The SA- $\beta$ -Gal is present only in senescent cells and is not found in pre-senescent, quiescent or immortal cells.

### Applications

Detection of senescence cells

### Storage

-20°C

### Shipping

Gel Pack

### Size

100 assays

### Kit Components

Wash Buffer; Senescence Dye

### Target Species

Mammalian



CREATIVE BIOMART®  
Assay Kit

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**Detection method** FACS (FL1 channel)

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### Features & Benefits

Simple, one step protocol

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