Senescence Detection Kit I



Detection of senescence marker in cultured cells and tissue sections

Catalog Number	PK-CA577-K320		
Description	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 are not stimulated to divide by serum or passage in culture. Senescent cells display increase of cell size, senescence-associated expression of β -galactosidase (SA- β -Gal) activity, and altered patterns of gene expression. The PromoKine Senescence Detection Kit is designed to histochemically detect SA- β -Gal activity, a known characteristic of senescent cells, in cultured cells and tissue sections. The SA- β -Gal is present only in senescent cells and is not found in presenescent, quiescent or immortal cells.		
Quantity	250 assays		
Kit Components	Components Fixative Solution (1X) X-Gal (150 mg, lyophilized) Staining Solution (1X) Staining Supplement (100X)	Quantity 125 ml 1 vial 125 ml 1.5 ml	Color Code NM Green WM Red
Applications / Assay Protocol			

FOR IN VITRO RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC PROCEDURES.