

	Operating mode	Réf : MO_PHIVLG_Fluorescei n_diacetate_v1-2020 Date : 20/05/2020 page 1/2
	Fluorescein diacetate	

1. Object

Cell viability

FDA (fluorescein diacetate) is a fluorogenic ester compound that passes through the plasma membrane and is hydrolyzed by intracellular esterases to produce a negatively charged membrane-impermeable fluorescein with green fluorescence

Living cell : fluorescence in the cytoplasm

Dead cell : no fluorescence

2. Health and safety

Wear gloves to weight the powder

3. Reagents (chemicals and biological)

Fluorescein diacetate cas: 596-09-8

Acetone cas : 67-64-1  

DMSO cas : 67-68-5

4. Operating Mode

Prepare a stock solution 1mg / ml or (20mM = 8.3 mg / ml) in acetone or DMSO

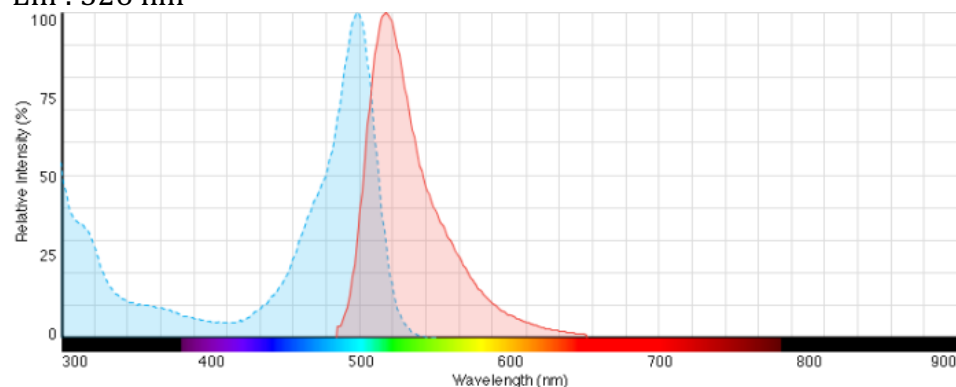
Final concentration : 2 to 20 µg /ml in water

Incubation 5 min in the dark

Microscope observation

Ex max : 490 nm

Em : 526 nm



	Writer	Examiner	Approving
Name :	Carine Alcon		
Fonction :			
signature :			

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