Product Name: **Hoechst 33258 (Ready-to-use)**
Catalog Number: **RA20038**

Basic Information

Product Name	Hoechst 33258 (Ready-to-use)
Size	10mL
Storage conditions	-20 ℃, protected from light
Shipping	Shipped with ice pack
Validity	12 months

Experimental procedures

For fixed cells or tissues

(1) For cell or tissue samples, wash appropriately after fixation to remove the fixative. If immunofluorescence staining is required, perform immunofluorescence staining first, and then perform Hoechst 33258 staining according to the subsequent steps.

(2) For adherent cells or tissue sections, add a small amount of Hoechst 33258 working solution to cover the sample. For suspended cells, add at least 3 times the volume of the sample to be stained, mix well, and leave at room temperature for 3-5 minutes.

(3) Hoechst removal 33258 staining solution, wash 2-3 times with TBST, PBS or saline, each time for 3-5 min.

Note: The washing step is optional but not necessary, and washing does not affect staining.

(4) Observe directly under a fluorescence microscope or observe under a fluorescence microscope after sealing. When cells undergo apoptosis, the nuclei of apoptotic cells will be densely stained or densely stained in fragments.

For living cells or tissues

(1) Add an appropriate amount of Hoechst 33258 working solution to fully cover the sample to be stained. Usually, 1 mL of staining solution should be added to each well of a six-well plate, and 100 μL of staining solution should be added to each well of a 96-well plate.

(2) Incubate at room temperature in the dark for 10-30 min.

(3) Discard the staining solution, wash 2-3 times with PBS or culture medium, and then add 50 μL PBS for microscopic photography.

Note: The washing step is optional but not necessary, and washing does not affect staining.

Hoechst 33258 excitation/emission wavelength : 346/460 nm
Hoechst 33258 excitation/emission wavelength: 352/461 nm

Note: This reagent is for scientific research use only!