



Hoechst 33342 solution [1mg/mL]

Hoechst 33342, also known as bis-Benzimide H 33342 or HOE 33342, is a blue fluorescent dye that penetrates cell membranes and is less toxic to cells. Hoechst 33342 staining is commonly used for apoptosis detection, staining and observation by fluorescence microscopy or flow cytometry. Hoechst 33342 is also commonly used for common nuclear staining, or conventional DNA staining. Hoechst 33342 has a maximum excitation wavelength of 346nm and a maximum emission wavelength of 460nm. After Hoechst 33342 and double-stranded DNA are combined, the maximum excitation wavelength is 350nm and the maximum emission wavelength is 461nm.

It is a 1mg/mL concentration. When used, the product should be diluted 100 times with PPBS to the working concentration.

Catalog No.	520012
Size	1mL
Product Category	Cell Detection
Storage/Stability	-20°C/1 year
Shipping	Gel Packs