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SuperStain (10000x in water)

Catalog Number: CW2635

Storage Condition: Room temperature (15-30°C)

Kit Components:

Component	CW2635S
SuperStain (10,000× in Water)	500 µl

Product Introduction:

SuperStain is a biological macromolecule that cannot penetrate cell membranes into cells. Compared to the strong mutagenicity of EB, it is a safe and non-toxic nucleic acid dye. Since SuperStain and EB have the same spectral characteristics, the observation device can detect the DNA band under normal ultraviolet light without changing the filter. It has the advantages of non-toxicity, high sensitivity and high stability.

Working concentration:

Directly adding to the agarose gel: 1x superstain, such as adding 5 µl to 50 ml agarose gel mix and pour the gel as usual. Superstain is very staple and can be added before or after agarose heating.

Gel staining with superstain solution: Prepare 3x superstain by adding 1000x superstain to 0.1 M NaCl. For example, add 15 ml 10000x superstain, 5 ml 1M NaCl and H₂O to make 45 ml superstain solution. Incubate the agarose gel with enough amount the superstain solution for 30 minutes at room temperature.