

Dr.Q 分子生物試劑



Dr.Q EtBr out Spray

Product name: Dr.Q EtBr out
spray,500ml

Catalogue no.:Dr.QPCR015

Introduction

Intercalating dyes, such as Ethidium Bromide, Propidium Iodide, and Hoechst series dyes are well known nucleic acid indicators, which are extensively used in biotechnical detecting systems. However, these dyes are harmful whether in human body or in the environment because of the disruption of DNA replication, expression, or repair mechanisms in living cells. As a result, these dye are must be destroyed well before disposed because of the mutagenic and carcinogenic properties. Dr.Q EtBr out is designed for destruction of these Intercalating dyes based on the chemically characteristics. Dr.Q EtBr out is tested can destroy ethidium bromide, propidium iodide, and Hoechst series dyes well even though they have different excitation and emission wavelengths.

Protocol

For destroy dye stock in the solution.

Dilute to let the concentration of the dye lower than 0.5mg/ml.

5~10 volume of dye stock solution add 1 volume of Dr.Q EtBr out (dye:Dr.Q EtBr out=5~10:1), gently mixes well, and stands for 10 minutes.

For equipment decontamination

dilute Dr.Q EtBr out to 10 fold and directly use it.

Caution

Please avoid mixing Dr.Q EtBr out with strong acid or basic solutions.

Please wear gloves and goggles to avoid skin-contact before operation.

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