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DAPI Dye

Blue DNA dye
Catalog # CJD1001

Product Information

Description	DAPI是一种蓝色DNA染料，被广泛用作荧光显微镜检查，染色体染色和流式细胞术的核复染。该染料与dsDNA的小沟结合，荧光增强约20倍。 DAPI具有很高的光漂白耐受性，可用于检测酵母线粒体DNA，叶绿体DNA，病毒DNA，微浆DNA和染色体DNA。在较低浓度（ □1 ug / mL ）下，DAPI对活细胞不渗透，但可用作固定细胞或组织切片中的核复染。在较高浓度（ □10 ug / mL ）下，DAPI可用于染色活细胞。
Appearance	Yellow solid
EX/Em (with DNA)	360/460 nm
Molecular Formula	C16H17Cl2N5
Molecular Weight	350.25

Additional Information

Notes	DAPI dye is more sensitive to staining mammalian cells than staining bacteria. It is recommended to stain with a final concentration of 10 □g / mL in PBS or 150 mM NaCl for 30 min at room temperature to stain bacteria. Dead cells are usually stained more brightly than live cells. For nuclear staining, the recommended working concentration of DAPI is 0.5-10 □g / mL. There are quenching problems with fluorescent dyes. Please avoid light to slow down the fluorescence quenching. For your safety and health, please wear lab coats and disposable gloves
Storage	Store at -20°C and protect from light. When stored as directed, product is stable for at least 12 months.
Precautions	This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.