

## CelGreen nucleic acid gel stain (10,000×, water)

### Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Keep away from direct sunlight  
Store at -20°C

Actual storage temperature shall be subject to the COA.

### Biological Description

Description	CelGreen nucleic acid gel stain *10,000× concentrate in water* is a fluorescent dye with a unique involvement that binds to all dsDNA double helix sulcus regions. In the free state, the side strand and CelGreen emit weak fluorescence, but the fluorescence is greatly enhanced once they are combined with the double-stranded DNA. Therefore, the fluorescence signal strength of CelGreen is related to the amount of double-stranded DNA, and the amount of double-stranded DNA in the PCR system can be detected according to the fluorescence signal.
Targets(IC50)	Others
In vitro	GelGreen for Electrophoresis In Gel Staining (Pre-staining, same method as EB) Prepare a agarose solution and heat till it dissolves. GelGreen Nucleic Acid Staining solution is diluted from the GelGreen Nucleic Acid Stain 1:10,000 prior to pouring the gel. Since good thermal stability, GelGreen can be added directly to hot agarose solution. Shake to ensure being fully mixed flowing by cast the gel, Run gel and view results by UV projector.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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