



Product Specifications

6X LOADING DYE

<u>Catalog #</u>	<u>Size</u>
IB01010	5ml

Physical Specifications

CAS#	N/A
Abs. @ 525nm (1:500, water)	0.3-0.6
Abs. @ 588-594nm (1:500, water)	0.5-0.8
Abs. @ 635-641nm (1:500 water)	0.5-0.7

Molecular Biology Specifications

DNase assay	None Detected
RNase assay	None Detected
Protease assay	None Detected

Recommended Use

The 6X Loading Dye contains 15% Ficoll in a special TRIS Dye. It is ideal for DNA or RNA gels. The 6X Loading Dye contains three tracking dyes that make estimating sample migration easy and reliable.

Dye #1: Light blue slightly slower than Xylene Cyanol migrating at around 4 base pairs in a 1% agarose gel.
Dye #2: Indigo dye migrates similar to Bromophenol Blue at around 600 base pairs in a 1% agarose gel.
Dye #3: Magenta dye migrates at around 150 base pairs in a 1% agarose gel.

The dyes migrate independently from the samples, allowing the estimation of nucleic acids. The loading dyes impart color to the samples, which visually facilitates the loading process. The loading dyes increase the density of the samples insuring even loading of the sample wells.

Storage

Store at room temperature. Keep tightly sealed. Protect from moisture.

Warning

Irritant. Irritating to the eyes, respiratory system, and skin. Wear suitable protective clothing, gloves, and eye/face protection. See Material Safety Data Sheet for additional information.