

Product Specifications



SCIENTIFIC

800-253-4942 • IBISCI.com

An ISO 9001 Certified Company

6X LOADING DYE

Product Number

IB01010

Size

5ml

CAS NO.

CAS# _____ n/a

PHYSICAL SPECIFICATIONS

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

STORAGE

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

RECOMMENDED USE

IBI 6X Loading Dye contains 15% Ficoll, in a special Tris dye. It is ideal for DNA and RNA gels. It also contains three tracking dyes, that make estimating sample migration easy and reliable.

Dye #1: Light blue dye 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.

WARNING

Classification: Skin Irritant - 2
Eye Irritant - 2

Hazard Statements: H315-Causes skin irritation • H319-Causes serious eye irritation • H335-May cause respiratory irritation.

Precautionary Statements: P280-Wear protective gloves/protective clothing/eye protection/face protection • P302+P352-IF ON SKIN: Wash with plenty of water • P304+P341-IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing • P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



WARNING!

FOR RESEARCH AND DEVELOPMENT PURPOSES ONLY

Building Quality Scientific.