

# q•Loading Dyes 6X for loading DNA on agarose gels

for *in vitro* and research use only

## q•Loading Dyes 6X Order Information

		Loading Dye Composition & Migration in 1% agarose gel							
Cat. No.	Volume	Description	Conc.	Bromophenol Blue	Xylene Cyanole FF	Orange G	TRIS-HCl	EDTA	Ficoll <sup>®</sup>
LDB-1	1 mL	Blue	6X	Comigrates with ~300 bp (1 x TBE) or ~400 bp (1 x TAE) fragments.	N/A	N/A	✓	✓	✓
LDB-10	10 mL	Blue	6X	Comigrates with ~300 bp (1 x TBE) or ~400 bp (1 x TAE) fragments.	N/A	N/A	✓	✓	✓
LDO-1	1 mL	Orange	6X	N/A	N/A	Comigrates with ~40bp (1 x TBE) or ~60 bp (1 x TAE) fragments.	✓	✓	✓
LDO-10	10 mL	Orange	6X	N/A	N/A	Comigrates with ~40bp (1 x TBE) or ~60 bp (1 x TAE) fragments.	✓	✓	✓
LDOB-1	1 mL	Double Blue	6X	Comigrates with ~300 bp (1 x TBE) or ~400 bp (1 x TAE) fragments.	Comigrates with ~3500 bp (1 x TBE) or ~5000 bp (1 x TAE) fragments.	N/A	✓	✓	✓
LDOB-10	10 mL	Double Blue	6X	Comigrates with ~300 bp (1 x TBE) or ~400 bp (1 x TAE) fragments.	Comigrates with ~3500 bp (1 x TBE) or ~5000 bp (1 x TAE) fragments.	N/A	✓	✓	✓
LDOB-1	1 mL	Orange	6X	N/A	Comigrates with ~3500 bp (1 x TBE) or ~5000 bp (1 x TAE) fragments.	Comigrates with ~40bp (1 x TBE) or ~60 bp (1 x TAE) fragments.	✓	✓	✓
LDOB-10	10 mL	Orange	6X	N/A	Comigrates with ~3500 bp (1 x TBE) or ~5000 bp (1 x TAE) fragments.	Comigrates with ~40bp (1 x TBE) or ~60 bp (1 x TAE) fragments.	✓	✓	✓

\*No interaction with the borate on TBE gels is observed, altering local pH due to the Ficoll component.

## Recommended Usage

1. Add 1/6 volume of 6X DNA Loading Dye to your DNA sample.
2. Check table above for co-migration in 1% agarose gel.

## Description

q•DNA Loading Dyes 6X are used for loading DNA markers and samples on agarose or polyacrylamide gels.

- Custom, easy visualization. With our variety of loading buffers choose what DNA fragments you want to visualize during gel electrophoresis.

## Eco-friendly shipping & storage

- Shipped at ambient temperature without ice to reduce packaging waste
- Use within 2 weeks of arrival or store at -20 °C

Some applications of this product are covered by patents issued to parties other than qARTABio, and may require a license which is not provided by the purchase of this product. User should obtain a patent license if appropriate.