

# Data Sheet

## 6x DNA Loading Dye Buffer Orange and Blue

Cat. No.	Pack Size
07-03-0000S	0.1 ml SAMPLE
07-03-00001	1 ml
07-03-00010	10 ml

For *in vitro* use only

### Description:

6x DNA Loading Dye Buffer Orange and Blue can be used for loading DNA samples (PCR products, restriction fragments) on agarose or polyacrylamide gel. In 1% agarose gel Orange G comigrates with ~40 bp (1 x TBE) or ~60 bp (1 x TAE) fragments and Xylene Cyanole FF comigrates with ~3500 bp (1 x TBE) or ~5000 bp (1 x TAE) fragments.

### Reagent Composition:

Orange G, Xylene Cyanole FF, TRIS-HCl, EDTA and Ficoll

### Features:

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

### Shipping and Storage conditions:

Shipping at room temperature has no detrimental effects on the quality of this reagent. Store at room temperature or at 4°C. For longer periods, store at -18°C to -28°C.

Manufactured by Solis BioDyne in compliance with the ISO 9001 and ISO 13485 certified Quality Management System.

**FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.**

DS-07-03 v2  
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### Recommendations:

Mix 1 volume of Orange and Blue Dye with 5 volumes of your DNA sample and load into the gel.

### Safety warnings and precautions:

This product and its components should be handled only by persons trained in laboratory techniques. It is advisable to wear suitable protective clothing, such as laboratory overalls, gloves and safety glasses. Care should be taken to avoid contact with skin or eyes. In case of contact with skin or eyes, wash immediately with water. Refer to Safety Data Sheet for more information.

### Technical support:

Contact your sales representative for any questions or send an email to [support@solisbiodyne.com](mailto:support@solisbiodyne.com)

Online chat is available at [www.solisbiodyne.com](http://www.solisbiodyne.com)