



6x DNA Loading Dye Buffer Blue

| Cat. No. | Pack Size |
|-------------|---------------|
| 07-01-0000S | 0.1 ml SAMPLE |
| 07-01-00001 | 1 ml |
| 07-01-00010 | 10 ml |

For *in vitro* use only

Description:

6x DNA Loading Dye Buffer Blue can be used for loading DNA samples (PCR products, restriction fragments) on agarose or polyacrylamide gel. In 1% agarose gel bromophenol blue comigrates with ~300 bp (1 x TBE) or ~400 bp (1 x TAE) fragments.

Reagent Composition:

Bromophenol blue, 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:

Store at room temperature or at 4°C.
For longer periods, store at -20°C.

Recommendations:

Mix 1 volume of 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.

Some applications this product is used in may require a license which is not provided by the purchase of this product. Users should obtain the license if required.

Related products:

| Product name | Pack size | Cat. No. |
|---|---------------|-------------|
| FIREPol[®] DNA Polymerase | 500 U | 01-01-00500 |
| FIREPol[®] DNA Polymerase | 1000 U | 01-01-01000 |
| FIREPol[®] DNA Polymerase | 2000 U | 01-01-02000 |
| HOT FIREPol[®] DNA Polymerase | 500 U | 01-02-00500 |
| HOT FIREPol[®] DNA Polymerase | 1000 U | 01-02-01000 |
| 5 x FIREPol[®] Master Mix (1.5 mM MgCl₂ final conc.) | 250 reactions | 04-11-00115 |
| 5 x FIREPol[®] Master Mix (2.5 mM MgCl₂ final conc.) | 250 reactions | 04-11-00125 |
| 5 x FIREPol[®] Master Mix Ready to Load (1.5 mM MgCl₂ final conc.) | 250 reactions | 04-12-00115 |
| 5 x FIREPol[®] Master Mix Ready to Load (2.5 mM MgCl₂ final conc.) | 250 reactions | 04-12-00125 |
| dNTP MIX (20 mM of each) | 20 µmol | 02-31-00020 |
| dNTP MIX (20 mM of each) | 100 µmol | 02-31-00100 |
| dNTP SET (100 mM) | 4 x 25 µmol | 02-21-00100 |
| dNTP SET (100 mM) | 4 x 100 µmol | 02-21-00400 |