



## 6 x Loading Buffer TriDye

Cat. No.	size
E0265-01	5 x 1 ml

### Storage Conditions:

Store at +4°C (stable for 12 months).

Long term storage: -20°C.

### Description:

6 x Loading Buffer TriDye is designated for preparation DNA samples for loading on agarose and polyacrylamide gels. The glycerol content increases the density of the sample and ensures that DNA form a layer at the bottom of the well. EDTA is known for inhibition of metal dependent nucleases. Tracking dyes permit monitoring of progress of electrophoresis.

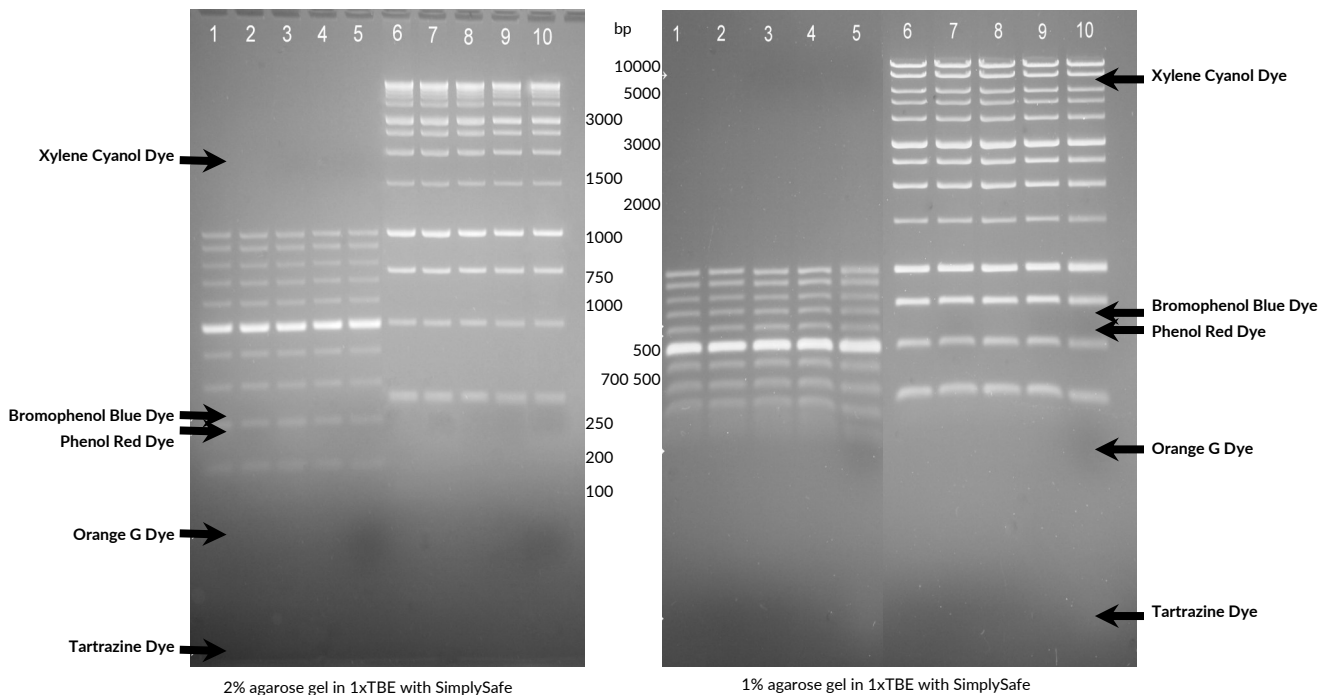
### Buffer Composition:

10 mM Tris-HCl (pH 7.6), 60 mM EDTA (pH 8.0), 0.03% xylene cyanol, 0.03% bromophenol blue, 0.15% orange G, 60% glycerol.

### Recommended use:

Add 1 part of the buffer per 5 parts of DNA sample.

In a 1% agarose gel, bromophenol blue migrates together with a band of approximately 1000 bp, xylene cyanol FF - with a band size greater than 10000 bp, orange G - with a band size smaller than 50 bp.



- 1—Perfect 100-1000 bp DNA Ladder (E3141) with Loading Buffer Yellow (E0263)
- 2—Perfect 100-1000 bp DNA Ladder (E3141) with Loading Buffer Red (E0261)
- 3—Perfect 100-1000 bp DNA Ladder (E3141) with Loading Buffer Green (E0262)
- 4—Perfect 100-1000 bp DNA Ladder (E3141) with Loading Buffer Blue (E0260)
- 5—Perfect 100-1000 bp DNA Ladder (E3141) with Loading Buffer TriDye (E0265)
- 6—Perfect Plus 1kb DNA Ladder (E3131) with Loading Buffer Yellow (E0263)
- 7—Perfect Plus 1kb DNA Ladder (E3131) with Loading Buffer Red (E0261)
- 8—Perfect Plus 1kb DNA Ladder (E3131) with Loading Buffer Green (E0262)
- 9—Perfect Plus 1kb DNA Ladder (E3131) with Loading Buffer Blue (E0260)
- 10—Perfect Plus 1kb DNA Ladder (E3131) with Loading Buffer TriDye (E0265)

This product is developed, designed and sold exclusively for research purposes and in vitro use only.