

SmartGlow™ Loading Dye is supplied at 6X concentration and is added directly to the DNA samples before pipetting into gel wells. It is not required to add any stain to the gel or running buffer.

After electrophoresis, view and document your results using a UV or Blue Light Illuminator.

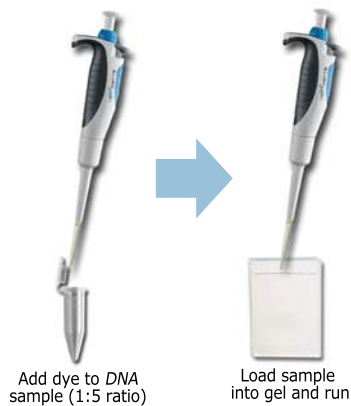
SmartGlow™ products are considered safer than Ethidium Bromide. They are non-carcinogenic as determined by the Ames-test, with negative results in mouse primary spermatocyte chromosomal aberration tests and mouse marrow chromophilous erythrocyte micronucleus tests.

SMART
SAFE Nucleic Acid Stain
GLOW™

SmartGlow™ Loading Dye, for Nucleic Acid Electrophoresis Gels, Concentration 6X

Protocol:

- Prepare 100ml of agarose or polyacrylamide solution and pour gel(s).
- Mix SmartGlow™ Loading Dye with samples and DNA markers at a 1:5 (dye to sample) dilution.
- Load samples into gel, and run.
- After electrophoresis, view the gel using a UV or blue light illuminator



SmartGlow™ is for research use only

Ordering Information:

E4500-LD 1.0m SmartGlow™ Loading Dye, for Nucleic Acid Electrophoresis Gels, 6X
Storage: 4°C for 2 years

ACCURIS
INSTRUMENTS
Benchmark Scientific

P.O. Box 709 Edison, NJ 08818 USA
Ph: 908-769-5555 EM: info@BenchmarkScientific.com