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HIGHLY PURE ECONOMIC MOLECULAR GRADE RESEARCH & DIAGNOSTIC REAGENTS & KITS

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ELECTROPHORESIS PRODUCTS

- AviStain™
- 100bp Ladder
- AviDuo™
- AviTri™
- TBE buffer (10X)
- TAE buffer (50X)

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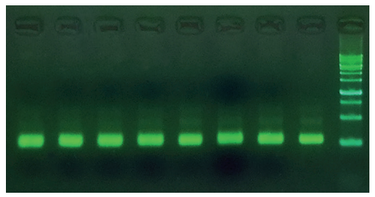
AviStain™
Safe DNA Staining Dye

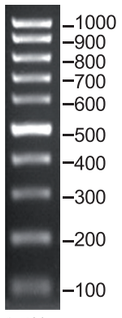
AviStain™ is a new and safe nucleic acid stain, offering a superior alternative to traditional ethidium bromide (EB) fordetecting double-stranded DNA and RNA in agarose gels.



Advantages:
As sensitive as EB
Safer than ethidium bromide
Most economical

100bp Ladder
DNA Marker

The 100 bp DNA Marker consists of 11 DNA fragments ranging in size from 100 to 1,000 base pairs (bp). For easy reference on agarose gels, the 500 bp and 1,000 bp fragments are two to three times brighter than the other bands.



1.7% agarose gel

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AviDuo™
Dual-color DNA Loading Dye

AviDuo™ contains bromophenol blue and xylene cyanol, making it ideal for loading DNA samples into gel electrophoresis wells and tracking their migration during electrophoresis.

AviTri™
Tri-color DNA Loading Dye

AviTri™ contains Orange G, bromophenol blue, and xylene cyanol. This product is used for loading DNA samples into gel electrophoresis wells and tracking their migration during electrophoresis.

Advantages:
Orange G dye runs faster than bromophenol blue or xylene cyanol FF dyes in standard agarose gels.
Orange G dye migrates with DNA fragments that are 10-20 nucleotides long.

TBE buffer (10X)

Highly pure reagents are provided for the preparation of electrophoresis buffers.
This TBE buffer is used to prepare agarose gels and as a running buffer for electrophoresis to separate double-stranded DNA in agarose and polyacrylamide gels.

TAE buffer (50X)

50X Tris/Acetic Acid/EDTA (TAE) is made from highly pure reagents in 18 Ω water, making it perfect for sensitive electrophoresis of nucleic acids.
This buffer is compatible with both horizontal agarose and vertical polyacrylamide gels. It is suitable for use with nondenatured and denatured DNA and nondenatured RNA. Unlike TBE, TAE does not interfere with the activity of some downstream enzymes, such as ligases.