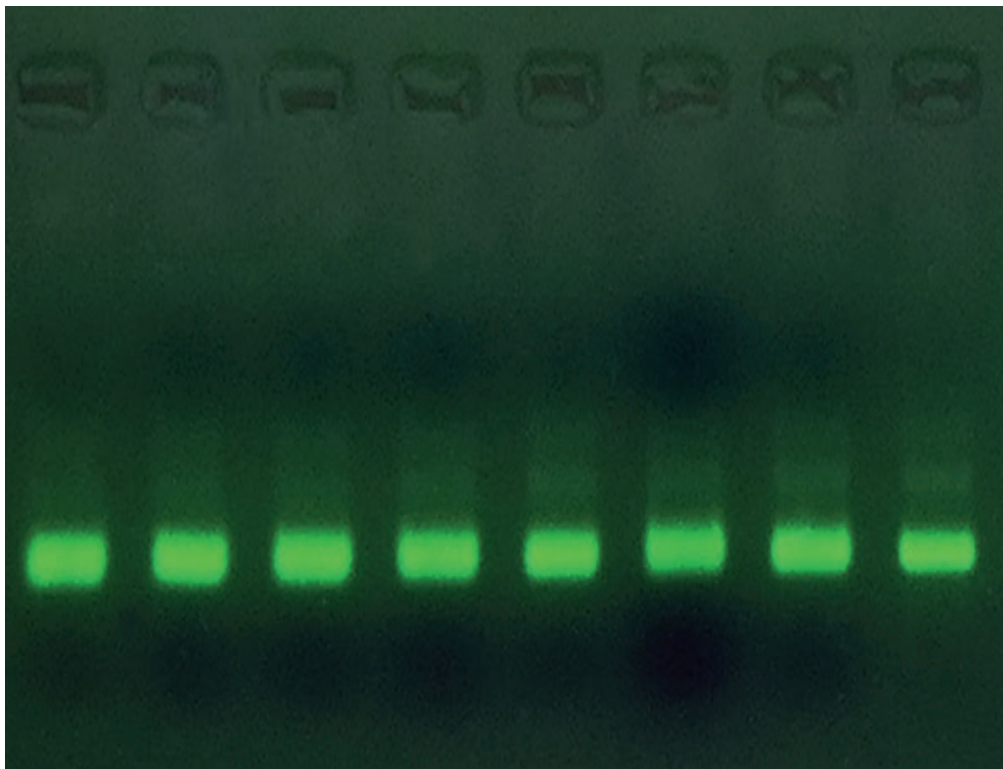


■ ELECTROPHORESIS PRODUCTS

- AviStain™
- 100bp Ladder
- AviDuo™
- AviTri™
- TBE buffer
- TAE buffer



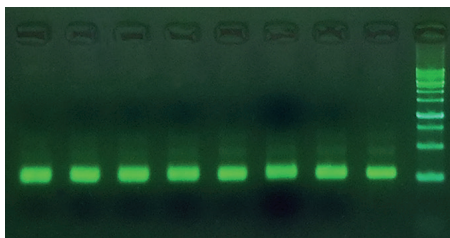


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AviStain™

DNA Safe Dstaining Dye

AviStain™ is a new and safe nucleic acid stain, and alternative to the traditional Ethidium bromide (EB) stain for detecting double stranded DNA and RNA in Agarose gel.



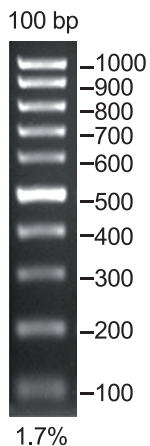
Advantages:

- AviStain™ is as sensitive as EB
- Most economic safe nucleic acid stain

100bp Ladder

DNA Marker

The 100 bp DNA Marker consists of 11 DNA fragments ranging in size from reference on agarose gels, the 500 bp and 1000 bp are two to three times brighter than the other bands.



AviDuo™

Two Colors DNA Loading Dye

AviDuo™ Contains Bromophenol blue and Xylene cyanol. This product is used for loading DNA samples into gel electrophoresis wells and tracking migration during electrophoresis.



AviTri™

Three Colors 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 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 between 10 and 20 nucleotides long.





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TBE buffer (10X)

Highly pure reagents have been also provided for preparation of electrophoresis buffers.

These buffers are used to prepare agarose gels and as an electrophoresis running buffer for the separation of double stranded DNA in agarose and polyacrylamide gels.



TAE buffer (50X)

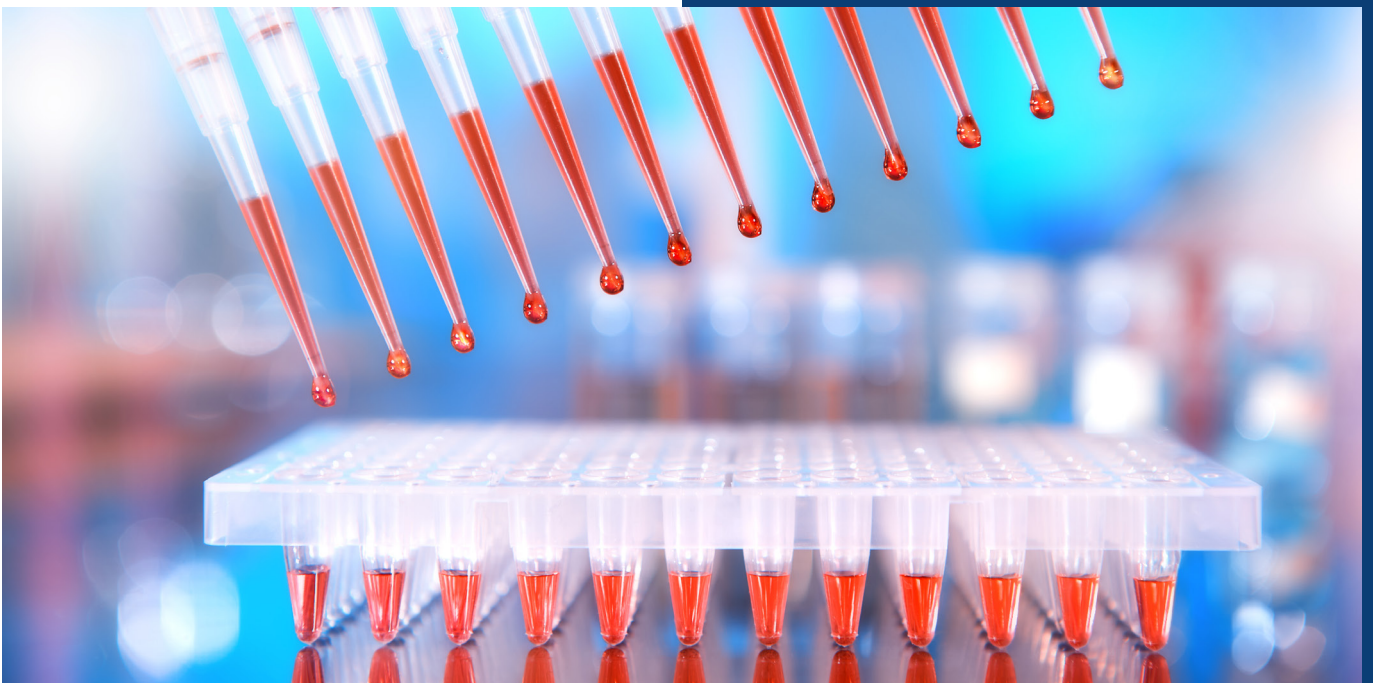
Use 50x Tris/Acetic Acid/EDTA (TAE) for electrophoresis of nucleic acids. Compatible with horizontal agarose and vertical polyacrylamide gels.

Use with nondenatured and denatured DNA and nondenatured RNA Unlike TBE, it does not interfere with the activity of some downstream enzymes such as ligases. Made with 18 Ω water



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