

# FastGene® Agarose



The FastGene® Agarose was developed for a rapid separation of DNA fragments, such as PCR products and plasmid DNA, as well as RNA fragments. The very high quality was graded as suitable for molecular biology. The purity of the agarose leads to an excellent transparency and a low background. This is especially important to obtain sharp and well defined DNA and/or RNA bands with the highest sensitivity in the low molecular weight range.

The high gel strength allows to use concentrations from 0,75% - 2%. The lack of DNases and RNases is assayed as well as the background fluorescence with Ethidium Bromide is determined.

## Quality Agarose for small products

The detection of small bands is only possible with high quality agarose. Two gels were prepared using the FastGene® Agarose and a low quality from competitor C. The ladder was stained with Midori Green Direct and separation was done using the Mupid™ ONE electrophoresis system.

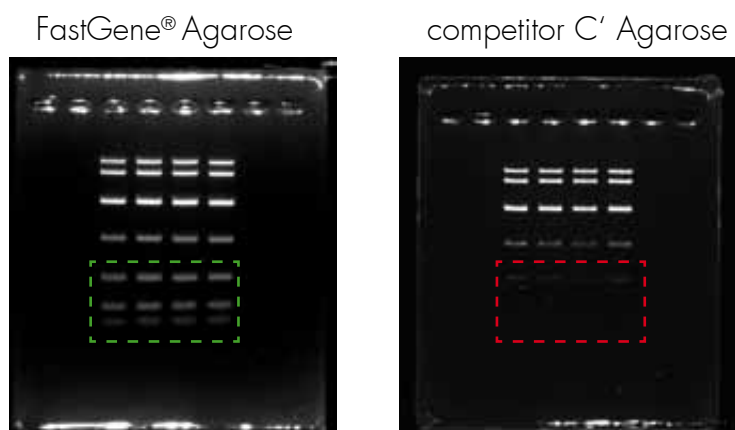


Fig. 3: Detection of small bands using high quality FastGene® Agarose and Competitor C's Agarose. All seven bands from the ladder are visible when using FastGene® Agarose. When comparing the green box to the red box, Competitor C's agarose does not show the lowest three bands.

## Ordering Information

Cat. No.	Product	Content
AG01	FastGene® Agarose	100 g
AG02	FastGene® Agarose	500 g
AG05	FastGene® Agarose tablets	200 pcs.



Fig. 1: FastGene® Agarose and Agarose tablets 0,5 g are ready to use. The normal agarose ensures flexibility to use any desired weight and is with low EEO, while the preweighted tablets ensure an easy way of preparing standard percentage gels.

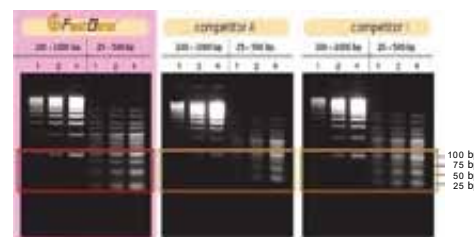


Fig. 2: Separation of small DNA fragments using FastGene® Agarose and competitor products.

