

# FastGene™ Agarose

## Molecular grade agarose

The FastGene® Agarose was developed for an accurate separation of DNA fragments, such as PCR products and plasmid DNA, as well as RNA fragments. The very high quality allows all experiments 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.



- ✔ Molecular grade agarose
- ✔ Perfect separation of DNA/RNA
- ✔ Sharp and well defined DNA bands
- ✔ Electroendosmosis (EEO): 0.14-0.16
- ✔ Concentrations from 0.75 - 2%

## Agarose tablets - no weighing required

With the FastGene® Agarose Tablets you can create agarose gels without time consuming weighing. Just add one tablet to 50 ml of gel running buffer and heat — the result is a 1% agarose gel. It's that simple. With our Agarose Tablets there's no powder to weigh and no mess to make!



Take these tablets with your favorite running buffer.

## 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 agarose from competitor C. The ladder was stained with MIDORI<sup>Green</sup> Direct and separation of the bands was done using the Mupid™-ONE electrophoresis system (MU2, next page).



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.

## Choose a suitable agarose concentration

High gel strength allows you to use gel concentrations from 0.75% - 2%. Blotting experiments will run perfectly, and separation efficiency up to 23 kb is guaranteed. Every batch of these agarose is tested with different-sized DNA fragments, and the background fluorescence is measured with ethidium bromide or non-toxic stains to assure the cleanest signals. But don't take our word for it — try them for yourself!

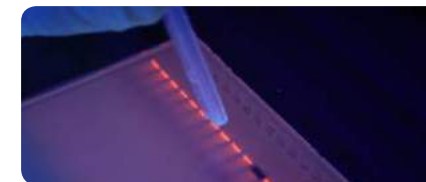
## Ordering information

Cat. No.	Product	Content
AG01	FastGene® Agarose	100 g
AG02	FastGene® Agarose	500 g
AG05	FastGene® Agarose Tablets	200 Tablets (0.5 g Agarose each)

# FastGene™ Agarose Gel Band Cutter

## Safe time for cutting DNA bands

This easy-to-use tool will facilitate your daily work. Now you can excise your DNA bands easily without risking contamination or scratching the glass surface of the transilluminator. The FastGene® Agarose Gel Band Cutter is a ready-to-use and disposable tool for cutting agarose gel bands. This affordable tool simplifies fragment purification and eliminates wasted effort using razor blades. The size of the excised gel band will always be 6 mm x 3 mm, and you can collect multiple bands in a single FastGene® Cutter — making large-scale purifications that much easier.



FastGene® Agarose Gel Band Cutter is the best way to excise DNA bands from an agarose gel.

- ✔ Easily excise DNA bands
- ✔ No razor blades necessary
- ✔ Safe time

## Ordering information

Cat. No.	Product	Content
FG-830	FastGene® Agarose Gel Band Cutter	50 Units

## Customer Testimonial

"We are very happy using the FastGene® Gel Band Cutter and have successfully implemented it in our practical course. In the past, our students had issues cutting out the correct band without adding too much unnecessary agarose when using a scalpel and a tweezers. This is important since during the next step the same amount of extraction buffer has to be added to the agarose material. This problem was solved by using this product. We have tested similar products but they could not convince us."



Zeynep Weninger

Laboratory Biochemistry - Faculty of applied chemistry  
Nürnberg Institute of Technology Georg Simon Ohm, Germany



# IDsol™ Stock Solutions

## All you need for a perfect agarose gel electrophoresis

Running and sample buffers as ready solutions. The highly concentrated stock solution is industrially produced and tested and therefore a secure and convenient alternative for selfmade agarose buffers.

## Ordering information

Cat. No.	Product	Content
ID1521	50X TAE Buffer	500 ml
ID 1531	10X TBE Buffer	500 ml
ID1654	Nucleic Acid Loading Buffer	10 ml

## TBE Buffer



## TAE Buffer



## DNA Loading Buffer

