

FastGene® MIDORI^{Green} Agarose Tablets



- ✓ Simple and safe gel pouring
- ✓ DNA dye is already in the tablet (MIDORI^{Green} Xtra or Advance)
- ✓ High fluorescence
- ✓ Only water or buffer needed
- ✓ Increase your reproducibility and save time

Save time preparing gels

MIDORI^{Green} Agarose Tablets are a fast, clean solution for preparing agarose gels without any additional time-consuming steps, such as weighing or adding different components. Just add the tablet to pure cold water or buffer, heat, and pour. Once the gel hardens, it's ready for loading. Each tablet contains the perfect amount of MIDORI^{Green} Xtra or Advance.

If you're tired of preparing agarose gels for your lab, this is the quickest and easiest solution to reduce effort and improve the quality of your gels.

Easy workflow

The fastest workflow to make agarose gels: 1. Add the tablet to pure cold water (when using the tablets with TBE or TAE) or in cold buffer (when using the tablets without buffer); 2. Dissolve the tablet by shaking your solution; 3. Heat the solution until it is clear; 4. Add the solution to your gel tray; 5. Run the gel and detect your DNA bands.

Add tablet



Shake it



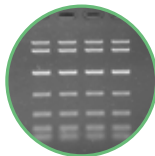
Heat it up



Pour in gel tray



Run the gel



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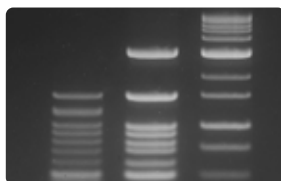
Get the right gel concentration

The manual of the MIDORI^{Green} Agarose Tablets (Xtra or Advance) contains precise instructions to obtain the desired gel concentration. Simply dissolve the tablets in the specified amount of water or buffer.

Choose your tablet

Depending on your preferences, NIPPON Genetics EUROPE provides MIDORI^{Green} Agarose Tablets with different dyes and buffers. We offer tablets with MIDORI^{Green} Xtra or MIDORI^{Green} Advance, each either together with a buffer (TBE (MIDORI^{Green} Advance) or TAE) or without any buffer additives. The tablets with buffer need to be dissolved in water, while the tablets without buffer can be dissolved in a running buffer of choice.

MIDORI^{Green} Xtra Agarose Tablets



Get the same excellent DNA signals as with the tablets as with the dyes, just with less effort and preparation time.



MIDORI^{Green} Advance Agarose Tablets



Ordering information

Cat. No.	Product	Content
AG09	MIDORI ^{Green} Advance TBE Agarose Tablets	75 Tablets
AG10	MIDORI ^{Green} Advance TAE Agarose Tablets	75 Tablets
AG11	MIDORI ^{Green} Advance Agarose Tablets (without buffer)	100 Tablets
AG12	MIDORI ^{Green} Xtra Agarose Tablets (without buffer)	100 Tablets
AG13	MIDORI ^{Green} Xtra TAE Agarose Tablets	100 Tablets

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. 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 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%



Reliable detection of 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^{Green} Direct and separation of the bands was done using the Mupid™-ONE electrophoresis system (MU2, next page). The comparison shows that the use of high quality agarose (FastGene®) can have a drastic impact on DNA signal quality.



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.

Best quality agarose

Every batch of our 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.

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.



The tablets can be dissolved in your running buffer of choice.

Ordering information

Cat. No.	Product	Content
AG01	FastGene® Agarose	100 g
AG02	FastGene® Agarose	500 g
AG05-100	FastGene® Agarose Tablets	100 Tablets (0.5 g Agarose per tablet)