

# FastGene™ MIDORI<sup>Green</sup> Advance Tablets



- ✓ Simple and safe gel pouring
- ✓ 3 different tablets: With TBE or TAE and without buffer
- ✓ DNA stain is already in the tablet
- ✓ High fluorescence
- ✓ Only water/buffer needed

## The stain is already in that little tablet!

Another big advantage is safety. MIDORI<sup>Green</sup> Advance nucleic acid stain is a new, safe alternative to traditional ethidium bromide (EtBr) stain for detecting dsDNA, ssDNA and RNA in agarose gels. Nearly identical to EtBr in performance and use, MIDORI<sup>Green</sup> Advance is much less harmful to living organisms.

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.

## Don't waste time preparing gels!

MIDORI<sup>Green</sup> Advance 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. That's it! Once the gel hardens, it's ready for loading. Each tablet contains the perfect amount of the DNA dye MIDORI<sup>Green</sup> Advance.



Check it out on  
You 



Choose your tablet. There are 3 different MIDORI<sup>Green</sup> Advance Agarose Tablets available.

## Customer Testimonial

"Easy to use without weighing the agarose. Furthermore the agarose is easy to melt and the band detection is also beautiful."



### Japanese Researcher

Department of Health Sciences, Faculty of Medicine,  
University of the Ryukyus



# FastGene™ MIDORI<sup>Green</sup> Advance Tablets



## Choose your tablet

Depending on your needs NIPPON Genetics EUROPE provide 3 different MIDORI<sup>Green</sup> Advance Agarose Tablets: You are using TBE or TAE as a buffer, then use the MIDORI<sup>Green</sup> Advance TBE or TAE Agarose Tablets. You want to use your own buffer or a different running buffer? No problem, just use the MIDORI<sup>Green</sup> Advance Agarose Tablets without buffer.



MIDORI<sup>Green</sup> Advance  
**TBE** Agarose Tablets  
75 tablets (0.5 g agarose each)  
Cat. No.: AG09



MIDORI<sup>Green</sup> Advance  
**TAE** Agarose Tablets  
75 tablets (0.65 g agarose each)  
Cat. No.: AG10

## The perfect gel concentration

With the MIDORI<sup>Green</sup> Advance Agarose Tablets you can achieve your needed gel percentage: Just use the instructions from the tables. Please note that the MIDORI<sup>Green</sup> Advance Agarose Tablets with TAE buffer contain more agarose with each tablet.



MIDORI<sup>Green</sup> Advance  
Agarose Tablets (**without buffer**)  
100 tablets (0.5 g agarose each)  
Cat. No.: AG11

**NEW**

Gel concentration for AG09 and AG11  
(Tablets with **TBE** and **without buffer**)

Gel	1 Tablet	2 Tablets
1%	50 ml H <sub>2</sub> O	100 ml H <sub>2</sub> O
1.5%	33 ml H <sub>2</sub> O	67 ml H <sub>2</sub> O
2%	25 ml H <sub>2</sub> O	50 ml H <sub>2</sub> O

Gel concentration for AG10  
(Tablets with **TAE** buffer)

Gel	1 Tablet	2 Tablets
1%	65 ml H <sub>2</sub> O	130 ml H <sub>2</sub> O
1.5%	43 ml H <sub>2</sub> O	86 ml H <sub>2</sub> O
2%	32.5 ml H <sub>2</sub> O	65 ml H <sub>2</sub> O

## 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



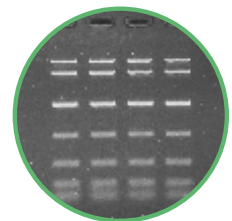
Heat it up



Add to gel tray



Finished



## Ordering information

Cat. No.	Product	Content
AG09	MIDORI <sup>Green</sup> Advance TBE Agarose Tablets	75 Tablets (0.5 g Agarose each)
AG10	MIDORI <sup>Green</sup> Advance TAE Agarose Tablets	75 Tablets (0.65 g Agarose each)
AG11	MIDORI <sup>Green</sup> Advance Agarose Tablets (without buffer)	100 Tablets (0.5 g Agarose each)