



PRODUCT INFORMATION

Agarose Tablet

Product information for A610709:

Description

- | Delivered in a convenient blister pack: easy separation, carrying and access;
- | Ready to use: no need to weigh when dissolved
- | High purity, low-electro endosmosis
- | Suitable for DNA/RNA gel electrophoresis



Sizes available

Cat No	Description	Pack Size
A610709	Agarose Tablet	0.5 g x 200 tab

Protocol:

1. Prepare working solution of electrophoresis buffer.
2. Add appropriate number of agarose tablets, proportional to the volume of electrophoresis buffer (based on the table below), to prepare your desired gel percentage.

Note: Use a flask that is 2 to 4 times the volume of the solution being prepared.

Gel %	1 Tab	2 Tabs	3 Tabs
1%	50 ml	100 ml	150 ml
1.20%	42 ml	83 ml	125 ml
1.30%	38 ml	77 ml	115 ml
1.50%	33 ml	67 ml	100 ml
1.80%	28 ml	56 ml	83 ml
2.00%	25 ml	50 ml	75 l

3. Before heating soak tablets in a buffer (~ 4 minutes) until tablets completely break into fine-particle slurry. Swirl the slurry to break up any remaining particles.
Important: Ensure tablets break up entirely. Heating will render non-dispersed agarose particles insoluble.
4. Heat the slurry in a microwave on high power setting until it starts to boil, allow boiling for ~ 30 seconds.
5. Note: Heating times are dependent on the volume of liquid and number of gel tablets to dissolve.

QF 24 Rev 1



6. Remove the flask from microwave, swirl gently to dissolve any remaining agarose particles.
7. Reheat on high power for 1-2 minutes or until the solution is clear and all particles are dissolved.
8. Remove the flask from the microwave oven, and gently swirl.
9. Cool the solution to approximately 60 °C before pouring.
10. Electrophoresis: After the gel solution is solidified at room temperature (about 30 min~1 h), it is placed in an electrophoresis tank for electrophoresis.

If a boiling water bath is used:

To melt agarose, simply heat the slurry in a boiling water bath. Bring the solution to a boil and allow it to boil for 5-10 minutes stirring continuously until agarose dissolves completely.

Note: Use caution when handling as solution may be extremely hot.

Storage/Stability

Store at room temperature, away from light and moisture