

— PROTOCOL —

Agarose Tablets

Catalog Number	Unit Size
AGT002-0500S	0.5g x 2 Tablets
AGT002-0500	0.5g x 108 Tablets

Note : GeneDireX / Nucleic Acid / Gel Electrophoresis / Agarose / Tablet
Categories : DNA / Protein Marker, Staining Reagent, Agarose Tablet

Features

- DNase/RNase-free
- Fast and convenient
- Greater gel-to-gel consistency
- Gels as low as 0.5% are feasible
- Safer and cleaner to use than conventional agarose powder

Applications

- DNA/RNA Electrophoresis
- Ideal for separating nucleic acids of a wide range of sizes

Description

GeneDireX Agarose Tablets (DNase/RNase free) are designed to provide a cleaner, safer, no-mess environment and more convenience than powdered agarose. Each tablet contains a pre-determined amount of agarose (0.5g), eliminating the need to weigh out loose agarose powder. Simply add the appropriate number of tablets to your buffer, incubate at room temperature for five minutes, heat the solution and then prepare your gel as normal.

Preparation for Use:

Prior to heating, Agarose Tablets require a 3 minute incubation at room temperature in buffer*. This incubation step softens and then dissolves the agarose tablet in the buffer.

Once dissolved, proceed as normal, and heat the agarose solution preferably using a microwave. All other parameters are as same as using the agarose in the powder form.

— PROTOCOL —

(* The time needed to dissolve the tablet is dependent on the laboratory temperature. Please, do not microwave the tablet in the buffer immediately, as this will cause the formation of smaller insoluble pellets. The room-temperature incubation step, prior to heating, is important to achieve a homogeneous mix).

Approximate volume of buffer and number of Tablets needed to achieve the stated gel strength :

	0.70 %	0.80 %	1.00 %	1.20 %	1.30 %	1.50 %
1 Tablet	71 ml	63 ml	50 ml	42 ml	38 ml	33 ml
2 Tablets	143 ml	125 ml	100 ml	83 ml	77 ml	67 ml
3 Tablets	214 ml	188 ml	150 ml	125 ml	115 ml	100 ml

(Volumes are rounded up or down to the nearest whole ml)

Product Specifications

Batch details :

Batch No : See box

Storage Conditions : Cool, dry place

Shipping Conditions : At Ambient Temperature

Analytical Specifications :

Appearance	White Tablet
Gel strength of 1% (w/v) gel	1,365 g /cm ²
Melting Point	87.9°C
Gelling temperature	36.8°C
Sulfate	<0.1%
DNase and RNase	None-detected

Notes

1. This product insert is a declaration of analysis at the time of manufacture.
2. Research Use Only.