

Agarose Electrophoresis for Nucleic Acid

● Fine-powdered Agarose

One of the advantages of the fine-powdered agarose is the increased solubility. Not only easy to handle and weigh, it saves your precious time. The most important feature is the high resolution of the gel it produces.

- » **High soluble:** Smaller average particle size for easy dissolution
- » **Simple:** Easy weighing operation
- » **Clear:** Sharp and clean electrophoresis result

Solubility Comparison (Particle size and solubility)

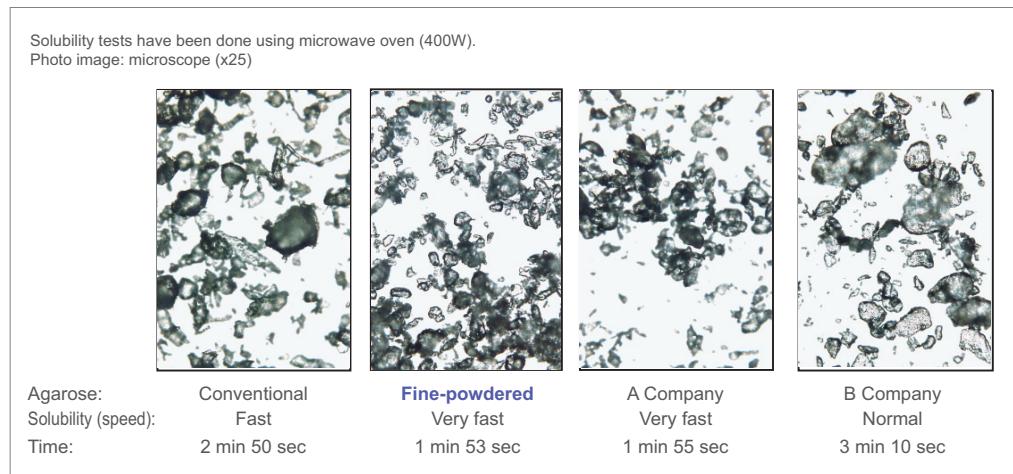
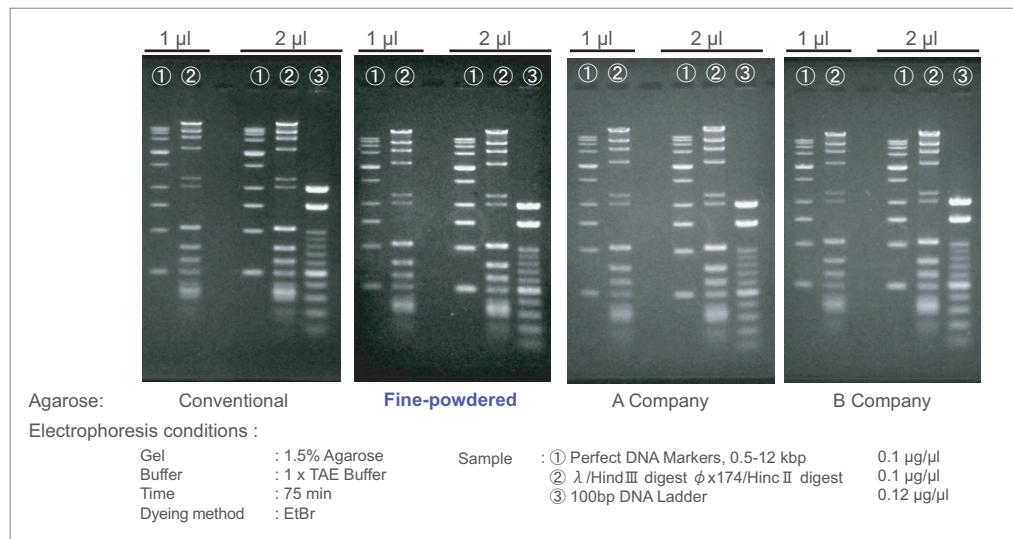


Image Comparison



Specification

Type :	≥ 1kbp
Sulfate (%) :	≤ 0.2
Gel Strength :	≥ 2,500 g/cm ² (at 1.5%)
Gel Point (°C) :	36 ± 1.5
Electroendosmosis (-mr) :	0.09-0.13

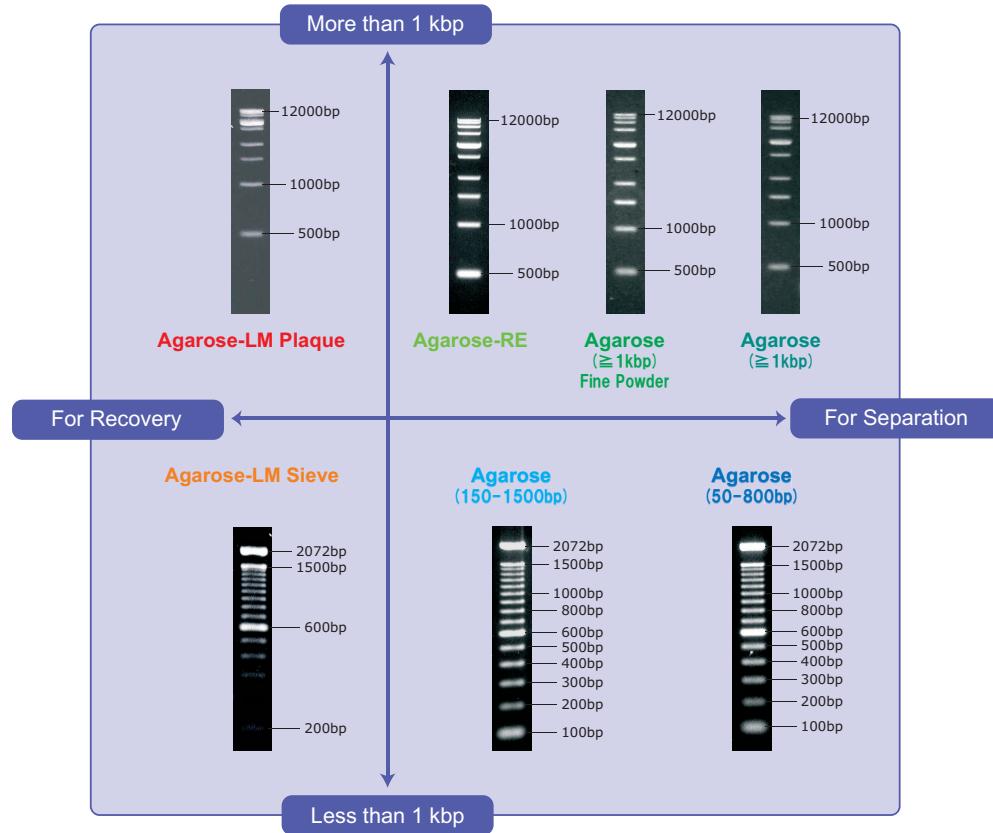
Ordering Information

Product Name	Storage	Product No.	PKG Size
Agarose for ≥ 1kbp fragment (Fine Powder)	RT	02468-24	10 g
		02468-66	100 g
		02468-95	500 g

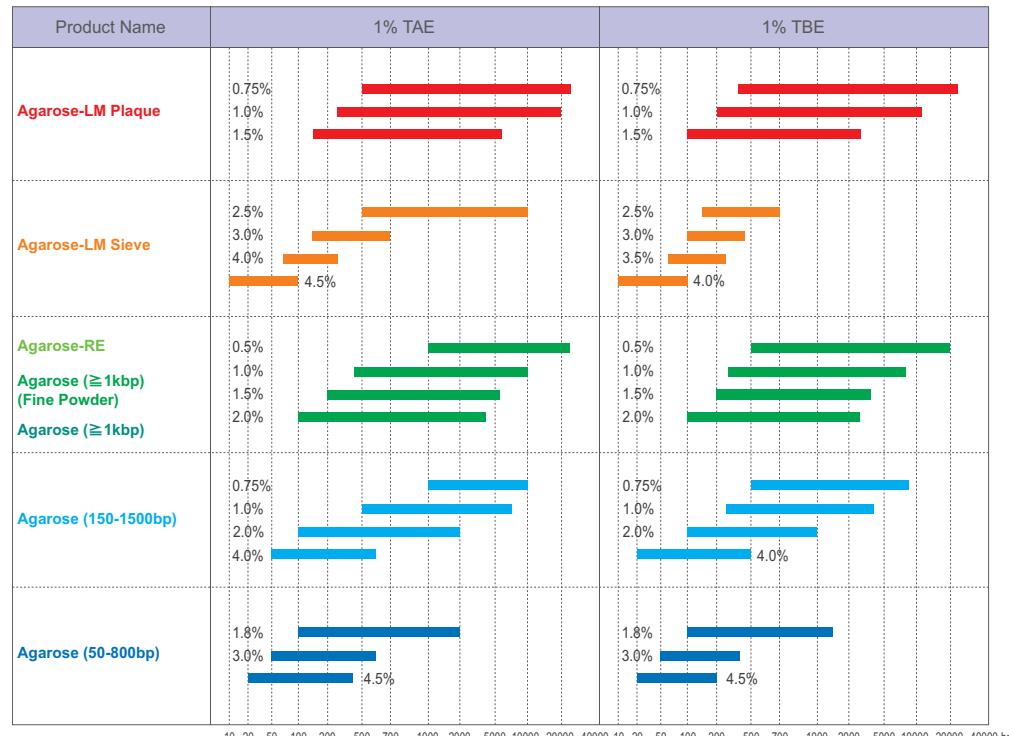
[Storage] RT = Room temperature

● Other Agaroses

NACALAI TESQUE offers many different types of agaroses.



Recommended Concentration of Gel Loading Buffer and Separation Range



Agarose Electrophoresis for Nucleic Acid (continued)

Related Products

Product Name	Storage	Product No.	PKG Size
Agarose for \geq 1kbp fragment	RT	01163-92 01163-76 01163-05	25 g 100 g 500 g
Type : \geq 1kbp Sulfate (%) : \leq 0.2 Gel Strength : \geq 2,500 g/cm ² (at 1.5%) Gel Point (°C) : 36 ± 1.5 Electroendosmosis (-mr) : 0.09 - 0.13			
Agarose-RE for \geq 1kbp fragment, for Restriction and Ligation	RT	01149-92 01149-76 01149-05	25 g 100 g 500 g
Type : \geq 1kbp Sulfate (%) : \leq 0.2 Gel Strength : \geq 2,500 g/cm ² (at 1.5%) Gel Point (°C) : 36 ± 1.5 Electroendosmosis (-mr) : 0.09 - 0.13 DNase, RNase tested			
Agarose for 150-1,500bp fragment	RT	01153-22 01153-64	25 g 100 g
Type : 150-1,500bp Sulfate (%) : \leq 0.1 Gel Strength : \geq 2,000 g/cm ² (at 1.5%) Gel Point (°C) : \leq 36.5 Electroendosmosis (-mr) : \leq 0.12 DNase, RNase tested			
Agarose for 50-800bp fragment	RT	01147-12 01147-96	25 g 100 g
Type : 50-800bp Sulfate (%) : \leq 0.1 Gel Strength : \geq 750 g/cm ² (at 1.5%) Gel Point (°C) : 30 Electroendosmosis (-mr) : \leq 0.12 DNase, RNase tested			
Agarose-LE, Classic type	RT	01157-82 01157-66 01157-95	25 g 100 g 500 g
Type : LE, Classic Sulfate (%) : \leq 0.2 Gel Strength : \geq 2,500 g/cm ² (at 1.5%) Gel Point (°C) : 36 ± 1.5 Electroendosmosis (-mr) : 0.09 - 0.13			
Agarose-ME, Classic type	RT	01158-72 01158-56 01158-85	25 g 100 g 500 g
Type : ME, Classic Sulfate (%) : \leq 0.25 Gel Strength : \geq 2,000 g/cm ² (at 1.5%) Gel Point (°C) : 36 ± 1.5 Electroendosmosis (-mr) : 0.16 - 0.19			
Agarose for \geq 1kbp fragment (Fine Powder)	RT	02468-24 02468-66 02468-95	10 g 100 g 500 g
Type : \geq 1kbp Sulfate (%) : \leq 0.5 Gel Strength : \geq 2,500 g/cm ² (at 1.5%) Gel Point (°C) : 36 ± 1.5 Electroendosmosis (-mr) : 0.09 - 0.13			
Agarose-LM (melting temperature \leq 65°C)	RT	01161-12 01161-54	25 g 100 g
Type : Low Melting Agarose Sulfate (%) : \leq 0.2 Gel Strength : \geq 550 g/cm ² (at 1.5%) Gel Point (°C) : 26 ± 2 Melting Temp. (°C) : \leq 65 Electroendosmosis (-mr) : \leq 0.12			
Agarose-LM Plaque for \geq 1kbp fragment	RT	01650-02 01650-86	25 g 100 g
Type : Low Melting Agarose \geq 1kbp fragment Sulfate (%) : \leq 0.5 Gel Strength : \geq 250 g/cm ² (at 1.5%) Gel Point (°C) : \leq 30 Melting Temp. (°C) : \leq 65.5 Electroendosmosis (-mr) : \leq 0.12 DNase, RNase tested			
Agarose-LM Sieve for \leq 1kbp fragment	RT	01651-92 01651-76	25 g 100 g
Type : Low Melting Agarose \leq 1kbp fragment Sulfate (%) : \leq 0.5 Gel Strength : \geq 1,000 g/cm ² (at 4%) Gel Point (°C) : \leq 35 Melting Temp. (°C) : \leq 65 Electroendosmosis (-mr) : \leq 0.12 DNase, RNase tested			
Agarose-RE for \geq 1kbp fragment, for Restriction and Ligation	RT	01149-92 01149-76 01149-05	25 g 100 g 500g
Type : Enzyme Reaction Tested for \geq 1kbp fragment Sulfate (%) : \leq 0.5 Gel Strength : \geq 2,500 g/cm ² (at 1.5%) Gel Point (°C) : \leq 36 ± 1.5 Tested for Silver staining, DNase, RNase and Enzyme reaction			

[Storage] RT = Room temperature