CREATIVE BIOMART®
Microbe

Agarose D1 LOW EEO

SPECIFICATION

Cat.No.	Mic-0006M
Product Name	Agarose D1 LOW EEO
CAS NO.	9012-36-6
Product Details	Agarose Type D-1 LE Low Electroendosmosis is specifically prepared for the use in electrophoretic studies to analyze DNA fragments from PCR products and digestion by restriction endonucleases, among others. Obtained from seaweeds, mostly Gelidium spp, agarose is a polymer composed of several agarobiose units that aggregate into a network with varying pore sizes. This property is used to separate nucleic acid fragments based on their lengths. Agarose is a gel at room temperature and remains firm at temperatures up to 65°C. In order to gelify, agarose must be dissolved, heated to its melting temperature (85-91°C) and cooled down to 34-37°C.
Product Format	White to light cream, free flowing powder
Moisture	7% or less
Ash	≤ 4.0%
Gel Strength (1.5% Nikan)	> 2500 g/ cm^2
Gel Melting Point (1.5%)	88°C ± 1.5
pH 1.5% in solution and gel	6.0 – 8.0
Electroendosmosis	0.05-0.13
size	500g, 25g, 125g
Application	Raw materials Molecular biology
Storage	Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com
Fax: 1-631-938-8127
Address: 45-1 Ramsey Road, Shirley, NY 11967, USA

Agarose D1 LOW EEO

and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing or if the color has changed from the original color.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com
Fax: 1-631-938-8127
Address: 45-1 Ramsey Road, Shirley, NY 11967, USA