

Membranes for DIALYZERS

A large variety of membranes are available for use with our different dialysis products. The following tables are designed to assist you in choosing the appropriate membranes for your needs. Specialty membranes are also available. Contact The Nest Group for any custom membranes.

Cellulose Acetate

These membranes are low protein binding and have a sharp MWCO range. The membranes are pre-cut, and supplied in 0.05% sodium azide solution. They are ready to use after rinsing with deionized water and buffer. Glycerol, sulfur, and heavy metals are not present in these membranes. The cellulose acetate membranes are intended only for aqueous solutions, and the presence of an organic solvent is not recommended.

Regenerated Cellulose

These membranes are more stable in organic solvents, but the MWCO range is not as sharply defined as that of cellulose acetate membranes. The membranes are pre-cut, and supplied in a 0.05% sodium azide solution. They are ready to use after rinsing with deionized water and buffer. Glycerol, sulfur, or heavy metals are not present in these membranes.

Polycarbonate

These membranes are more stable in organic solvents. They are available in four highly controlled pore sizes for a well defined MWCO range.

MEMBRANES for DIALYZER Volumes Ranging from 10 µl to 5000 µl (packs of 25)

	DIALYZER Chamber Volume 10 µl, 20 µl, 50 µl, 100 µl & 200 µl	DIALYZER Chamber Volume 500 µl, 1000 µl & 1500 µl	DIALYZER Chamber Volume 3000 µl & 5000 µl
MEMBRANES:			
A. Regenerated Cellulose MEMBRANES:			
1k Da MWCO	SA010S.24	SB010S.24	SC010S.24
2k Da MWCO	SA020S.24	SB020S.24	SC020S.24
5k Da MWCO	SA050S.24	SB050S.24	SC050S.24
10k Da MWCO	SA100S.24	SB100S.24	SC100S.24
25k Da MWCO	SA250S.24	SB250S.24	SC250S.24
50k Da MWCO	SA500S.24	SB500S.24	SC500S.24
B. Cellulose Acetate MEMBRANES:			
100 Da MWCO	SA001K.24	SB001K.24	SC001K.24
500 Da MWCO	SA005K.24	SB005K.24	SC005K.24
1k Da MWCO	SA010K.24	SB010K.24	SC010K.24
2k Da MWCO	SA020K.24	SB020K.24	SC020K.24
5k Da MWCO	SA050K.24	SB050K.24	SC050K.24
10k Da MWCO	SA100K.24	SB100K.24	SC100K.24
25k Da MWCO	SA250K.24	SB250K.24	SC250K.24
50k Da MWCO	SA500K.24	SB500K.24	SC500K.24
100k Da MWCO	SA111K.24	SB111K.24	SC111K.24
300k Da MWCO	SA333K.24	SB333K.24	SC333K.24
C. Polycarbonate MEMBRANES:			
0.01 µm Pore Size	SA0001P.24	SB0001P.24	SC0001P.24
0.05 µm Pore Size	SA0005P.24	SB0005P.24	SC0005P.24
0.10 µm Pore Size	SA0010P.24	SB0010P.24	SC0010P.24
0.60 µm Pore Size	SA0060P.24	SB0060P.24	SC0060P.24

The membrane ordering information is color coded to assist you in selecting the appropriate membrane:

Orange shaded membranes are for products with chamber sizes up to 200 µl

Yellow shaded membranes are for products with chamber sizes ranging from 500 µl to 1,500 µl

Green shaded membranes are for products with chamber sizes ranging from 3,000 µl to 5,000 µl