

The **JBScreen Detergents Kits 1 and 2** cover all detergents that have been successfully used for the crystallization of membrane proteins. Each kit contains 12 detergents, supplied as stock solutions at 5 or 10 times the reported CMC, with 100 or 200 µl per compound (sufficient for 100 set-ups).

The **JBScreen Detergents Kits** are ideal supplements for the **JBScreen Membrane screens** (CS-301L, CS-302L, CS-303L).

JBScreen Detergents is suitable for hanging drop, sitting drop, and sandwich drop crystallization methods.

Recommended final detergent concentration after immediate mixing (prior to equilibration) is 1 to 3 x the CMC (Critical Micellar Concentration).

Store at 4°C.

No.	Detergent	CMC (mM)	conc. Stock solution (mM) (5 or 10 x CMC)	Amount
D 1 - 1	3-(N,N-Dimethylpalmitylammonio)propane-sulfonate (ZWITTERGENT®3-16)	0.06	0.6	100 µl
D 1 - 2	Nonaethylene glycol monododecyl ether (C12E9)	0.08	0.8	100 µl
D 1 - 3	Octaethylene glycol monododecyl ether (C12E8)	0.11	1.1	100 µl
D 1 - 4	Dodecyl-β-D-glucopyranoside	0.13	1.3	100 µl
D 1 - 5	3-(N,N-Dimethylmyristylammonio)propane-sulfonate (ZWITTERGENT®3-14)	0.4	4	100 µl
D 1 - 6	Dodecyl-β-D-maltoside	0.6	6	100 µl
D 1 - 7	Decyl-β-D-maltopyranoside	1.8	18	100 µl
D 1 - 8	N,N-Dimethyldodecylamine N-oxide (LDAO)	2.0	20	100 µl
D 1 - 9	3-(Dodecyldimethylammonio)propane-sulfonate (ZWITTERGENT® 3-12)	4.0	40	100 µl
D 1 - 10	Nonyl-β-D-glucopyranoside	6.5	65	100 µl
D 1 - 11	N-Decanoyl-N-methylglucamine (MEGA-10)	7.0	70	100 µl
D 1 - 12	Tetraethylene glycol mono-octyl ether (C8E4)	7.0	70	100 µl