

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 2 - 1	Pentaethylene glycol monoethyl ether (C8E5)	7.1	71	100 µl
D 2 - 2	3-[(3-Cholamidopropyl)dimethylammonio]-1-propanesulfonate (CHAPS)	8.0	80	100 µl
D 2 - 3	3-[(3-Cholamidopropyl)dimethylammonio]-2-hydroxy-1-propanesulfonate (CHAPSO)	8.0	80	100 µl
D 2 - 4	Pentaethylene glycol monodecyl ether (C10E5)	0.81	8.1	100 µl
D 2 - 5	N,N-Dimethyldecylamine-N-oxide (DDAO)	10.4	104	100 µl
D 2 - 6	Octyl-β-D-glucopyranoside (Octyl-β-D-glucoside)	25	250	100 µl
D 2 - 7	N-Nonanoyl-N-methylglucamine (MEGA-9)	25	250	100 µl
D 2 - 8	3-(Decyldimethylammonio)propane-1-sulfonate (ZWITTERGENT®3-10)	40	400	100 µl
D 2 - 9	Heptyl-β-D-glucopyranoside	79	790	100 µl
D 2 - 10	N-Octanoyl-N-methylglucamine (MEGA-8)	79	790	100 µl
D 2 - 11	Hexyl-β-D-glucopyranoside	250	1250	200 µl
D 2 - 12	3-(N,N-Dimethyloctylammonio)propane-sulfonate (ZWITTERGENT®3-8)	330	1650	200 µl