

5M Betaine

Cat #: EBET



Amount: 5 x 1.25 ml (1000 x 25 µl reactions)

Shipping conditions: Ambient

Storage conditions: -20°C

PRODUCT DESCRIPTION:

Betaine is a general PCR enhancer when included in the reaction at approximately 1.3M. It works by equalizing G-C and A-T binding. It lowers the melting temperature of template and primers, typically by 2-3°C. Betaine also facilitates inhibition resistance of our mutant enzymes.

APPLICATION: For standard PCR, include Betaine at 1.3M (13 µl of 5M stock in each 50µl PCR reaction or 6.5 µl in each 25 µl PCR reaction). Melting and annealing temperatures may be reduced by 1-2°C.

For GC-rich targets, Betaine may be included at up to 2M.

Please visit us on the web at www.klentaq.com for troubleshooting and detailed protocols.