INTEGRATED DNA TECHNOLOGIES

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OligoAnalyzer 3.1

Instructions | Definitions | Feedback

Sequence # Bases

5'- +3'

Target Type DN

Oligo Conc 0.25 µM

Na^{+} Conc 50 mM

Mg^{++} Conc 0 mM

dNTPs Conc 0 mM

Analyze | Hairpin | Self-Dimer | Hetero-Dimer | NCBI Blast | TM Mismatch

Clear Sequence | Add To Order | Default Settings

Results | 5' mods | Internal Mods | 3' mods | Mixed Bases

Standard Mixed Base Instructions
To use a Standard Mixed Base, simply type in the IUB symbol (from the table below) which represents the desired mix.

R	A,G
Y	C,T
M	A,C
K	G,T
S	C,G
W	A,T
H	A,C,T
B	C,G,T
V	A,C,G
D	A,G,T
N	A,C,G,T

Custom Mixed Base Instructions
To use Custom Mixed Bases
Enter the desired percentage of each base (Integers Only, Totaling 100%).
Press 'Use Mix Base' button to add your custom mixed base.
Please note: An additional charge is applied for hand mixing these custom bases.

%A %C %G %T Use Mixed Base

Base Notations
DNA = A, C, G, T and U, I
Mixed Bases = Please enter bases in UPPERCASE
Phosphorothioated DNA = A*, G*, C*, T*
RNA = rA, rG, rC, rU
Phosphorothioated RNA = rA*, rG*, rC*, rU*
2'O-Methyl RNA = mA, mG, mC, mU
Phosphorothioated 2'O-Methyl RNA = mA*, mG*, mC*, mU*
Locked Nucleic Acid (LNA) = +A, +G, +C, +T

800-328-2661
custcare@idtdna.com