

28-Jul-2023

Order No. **19610852**

Ref. No. **449888027**

Sequence - WNV (F) 1160

100 nmole DNA Oligo, 21 bases

5'- TCA GCG ATC TCT CCA CCA AAG -3'

Properties

T_m (50mM NaCl)*: 56.7 °C
GC Content: 52.4%
Molecular Weight: 6,335.2
nmoles/OD260: 5.1
ug/OD260: 32.2
Ext. Coefficient: 196,900 L/(mole·cm)

Amount Of Oligo

13.5 = 68.3 = 0.43
OD₂₆₀ nmoles mg
For 100 µM: add 683 µL

Shipped To

LANDON WILLIAMS
COLORADO STATE UNIVERSITY ARC-BIO
2021 CAMPUS DELIVERY
FORT COLLINS, CO 80523
USA
6159728665
Customer No. 602475 PO No. 833092

Secondary Structure Calculations

Lowest folding free energy (kcal/mole): 1.18 at 25 °C
Strongest Folding T_m: 6.3 °C

Oligo Base Types

DNA bases

Quantity

21

Modifications and Services

Standard Desalting

Quantity

1

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See on reverse page notes (I) (II) & (III) for usage, label license, and product warranties

Mfg. ID 589658941

449888027 IDT
L. WILLIAMS
589658941 28-Jul-2023
WNV (F) 1160
5'-TCA GCG ATC TCT CCA CCA AAG-3'
MW = 6,335.2g/mol T_m = 56.7 °C
13.5 OD = 68.3 nmol = 0.43 mg

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I N S T R U C T I O N S

*Lyophilized contents may appear as either a translucent film or a white powder. This variance does not affect the quality of the oligo.

*Please centrifuge tubes prior to opening. Some of the product may have been dislodged during shipping.

*The T_m shown takes no account of Mg²⁺ and dNTP concentrations. Use the OligoAnalyzer® Program at www.idtdna.com/scitools to calculate accurate T_m for your reaction conditions.

M

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