



INTEGRATED DNA TECHNOLOGIES

SPECIFICATION SHEET

WWW.IDTDNA.COM

03-Oct-2014

Order No. **8281676**

Ref. No. **96862238**

Sequence - DNA65

100 nmole DNA Oligo, 65 bases

**5'- CTG ACA ATC AGA CTA TCT CGA AGG ACT ACC AAC GGA TTG AGG GGA TGT ATA CAA CAG AGA
GAT GG -3'**

Properties

T_m (50mM NaCl): 68.2 °C
GC Content: 46.2%
Molecular Weight: 20,188.1
nmols/OD260: 1.5
µg/OD260: 30.4
Ext. Coefficient: 663,300 L/(mole·cm)

Amount Of Oligo

30.9 = 46.6 = 0.94
OD₂₆₀ nMoles mg

Shipped To

MBL MBL
MEDICAL AND BIOLOGICAL LABORATO
SAIKYO BLDG 4F 2-9-3, ITABASHI
TOKYO, 173-0004
JAPAN
+81-3-5248-2861
Customer No. 4405934 PO No. Sample Oligo O

Secondary Structure Calculations

Lowest folding free energy (kcal/mole): -3.07 at 25 °C
Strongest Folding *T_m*: 35.6 °C

Oligo Base Types

DNA Bases Quantity
65

Modifications and Services

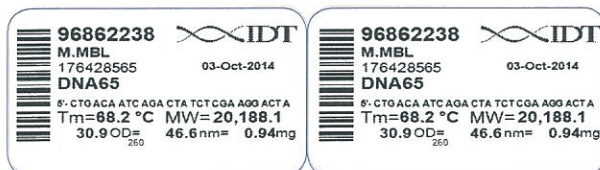
Standard Desalting Quantity
1

Disclaimer

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

Mfg. ID 176428565

Labels - Peel Here



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.