



INTEGRATED DNA TECHNOLOGIES

SPECIFICATION SHEET

WWW.IDTDNA.COM

03-Oct-2014

Order No. **8281676**Ref. No. **96862239**

Sequence - DNA80

100 nmole DNA Oligo, 80 bases

5'- GAC TCG TTA CTG TCG CAA ACG ATA CAG GCA TAC GCC GGC GTA GAG TCT TAT ACC GTG TCT TAA
TGC TCC ATG CAC CTT CA -3'

Properties

T_m (50mM NaCl): 71.5 °C
GC Content: 50.0%
Molecular Weight: 24,524.9
nmoles/OD260: 1.3
µg/OD260: 32.4
Ext. Coefficient: 756,900 L/(mole·cm)

Amount Of Oligo

54.3 = 71.8 = 1.76
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): -6.57 at 25 °C
Strongest Folding *T_m*: 48.1 °C

Oligo Base Types

DNA Bases

Quantity

80

Modifications and Services

Standard Desalting

Quantity

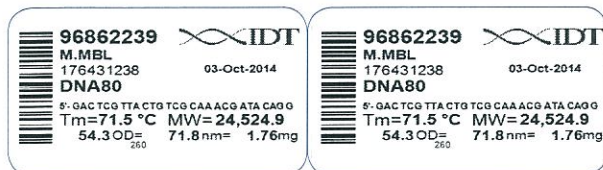
1

Disclaimer

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

Mfg. ID 176431238

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.