

# **OLIGONUCLEOTIDE SPECIFICATION SHEET**

15-May-2019 Order No. 15985301

Ref. No. 212474131

Sequence - DJA2 CTDI F

25 nmole DNA Oligo, 45 bases

## 5'- CTG TAC TTC CAA TCC AAT GCT AAT CAG AGT AGA AGT CGA AAT GGC -3'

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## **Amount Of Oligo**

## **Shipped To**

Tm (50mM NaCl)\*:64.2 °C GC Content: 42.2% Molecular Weight: 13,837 nmoles/OD260: 2.2 ug/OD260: 31.1

14.7 = 33 = 0.46 OD  $_{260}$  nmoles mg For 100  $\mu$ M: add 330  $\mu$ L

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4154765761

Ext. Coefficient: 445,000 L/(mole·cm)

Customer No. 418108

PO No. B001650422

Secondary Structure Calculations

Lowest folding free energy (kcal/mole): -1.18 at 25  $^{\circ}\text{C}$  Strongest Folding Tm: 34.2  $^{\circ}\text{C}$ 

Oligo Base Types	Quantity
DNA Bases	45
<b>Modifications and Services</b>	Quantity
Standard Desalting	1

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

Mfg. ID 54840944





#### INSTRUCTIONS

•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 Tm shown takes no account of Mg $^{2+}$  and dNTP concentrations. Use the OligoAnalyzer® Program at www.idtdna.com/scitools to calculate accurate Tm for your reaction conditions.

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