PRINCIPLES OF DESALTING:

DNA oligonucleotides are retained on the Oasis® HLB sorbent by ion-pair reversed-phase mechanism. A volatile ion-pair agent is used as loading buffer* (0.1 triethylamine acetate, pH ~ 7).

The Oasis® HLB µElution 96 well plate has sufficient capacity for desalting 1 pmol up to 5,000 pmol of oligonucleotides sample.

OASIS® HLB µELUTION PLATE EXTRACTION PROTOCOL

Conditions for Oasis® HLB µElution 96-well Plate
Part Number 186001828BA

**CONDITION:**
200 µL 70 % Acetonitrile H₂O

**EQUILIBRATE:**
200 µL H₂O

**LOAD:**
Load solution onto plate at 1 mL/min or less [Low loading speed prevents breakthrough of Oligonucleotides]

**WASH #1:**
800 µL of 0.1 M TEAAc* buffer (to remove Salts)

**WASH #2:**
200 µL of H₂O (to remove excess buffer and salts)

**ELUTE:**
25 mL of 70 % ACN, using a vacuum manifold. Alternatively, centrifuge plate with 10 µl of 70 % ACN

Lyophilize eluent to complete dryness using SpeedVac
Dissolve sample in MALDI matrix solution