OVATION® SYSTEM

WT-Ovation™ Exon Module

Quick Protocol

Ovation Kit Part Number		Ovation Kit Lot Number		Date

Generation of ST-cDNA (sense-target cDNA)

- [ ] Obtain all **Exon Module Reagents** from -20°C.
- [ ] Invert **E3** vial to mix and spin. Thaw **E1** and **E2**, vortex, spin, and place on ice.
- [ ] Pipette 3 µg SPIA™ cDNA into a 0.2 mL PCR tube for each reaction. Bring volume up to 20 µl with water if necessary.
- [ ] Add 6 µl **E1** Primer Mix to each sample and mix well.
- [ ] Place the tubes in a thermal cycler running program 1 (95°C - 5 min, 4°C - forever).
- [ ] Make **ST-cDNA Master Mix**. Per sample combine:
  38 µl **Buffer Mix E2** and 6 µl **Enzyme Mix E3**.
  Enter the number of samples and volumes of each reagent into this table.

No. of rxns	E2	E3
1	38 µl	6 µl

- [ ] Mix the **ST-cDNA Master Mix**, spin and place on ice.
- [ ] For each reaction, add 44 µl **ST-cDNA Master Mix** and mix well.
- [ ] Place the tubes in a thermal cycler running program 2 (4°C - 1 min, 30°C - 10 min, 42°C - 60 min, 75°C - 10 min, 4°C - forever).
- [ ] Once the thermal cycler reaches 4°C, remove tubes and spin.
- [ ] Proceed to purification, fragmentation and labeling or store ST-cDNA at -20°C.

Notes

NuGEN Technologies, Inc. www.nugeninc.com **USA** Toll Free Tel: 888.654.6544
Toll Free Fax: 888.296.6544 custserv@nugeninc.com techserv@nugeninc.com
Europe: Phone: +31(0)13 5780215 Fax: +31(0)13 5780216 europe@nugeninc.com
For our international distributors' contact information visit our website

D01023 V1.0-1207

NuGEN Technologies, Inc.

Quick Protocol

Ovation Kit Part Number		Ovation Kit Lot Number		Date

Notes

D01023 V1.0-1207