1182 Nano Chip Checklist

Microfluids
- Cleaning chip and keeping it clean
- Plug wells not used
- No bubbles in detection wells
- Flushing completely between trials

Electronics
- Blue Led not functioning
- Sensor not functioning

Optics
- Insure bottom of chipholder and chip are clean and not scratched
- Insure drop of water between chip and chipholder bottom
- Detection well centered over sensor
- DAD fitting flush with chipholder
- Insure bucket is fully covering DAD during readings

Calibration
- Correct dilution of Fluorescein samples
- Graph of calibration data with concentrations on vertical axis vs. decimal LED reading
- Calibration curve either linear or quadratic