

Technical Release Bulletin

Running MAY/JUNE 2012 NEQAS Stabilized Sperm on the SQA-V

Subject: Running NEQAS Stabilized Sperm Samples #: S289, S290, S291 and S292 on the SQA-V

To insure that the SQA-V "reads" the NEQAS samples correctly, please follow the instructions below. The process involves a minor default set-up in the V-Sperm and then following the testing process outlined below. Before beginning, please note:

- Do NOT dilute the NEQAS sample even though you are instructed to choose this testing option.
- Vortex the NEQAS sample before aspirating it into the testing capillary
- Use a Pasteur pipette to transfer the NEQAS sample from the vial to a 10ml collection cup in order to transfer the entire sample and to allow the sample to be aspirated by the SQA-V testing capillary.

SET UP DEFAULTS for NEQAS samples:

Turn on the SQA-V and go to:

MAIN MENU > SERVICE > SERVICE DATA

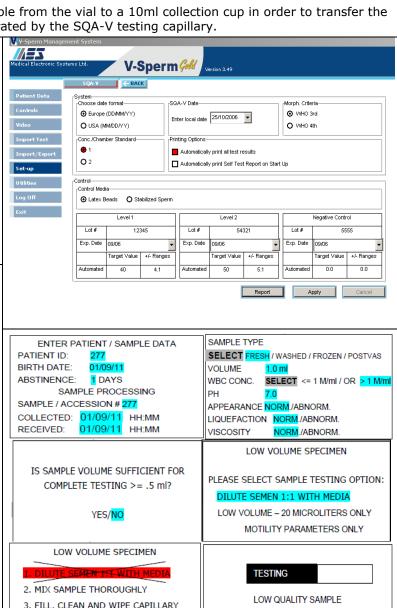
From the V-Sperm GOLD main navigation screen click:

SET-UP > SQA-V > SQA-V Defaults > Continue: The Set-up screen will be displayed.

- 1. Select: Conc / Chamber Standard: 1
- 2. Select: Automatically print test results
- 3. Click: Apply and wait while the defaults are set.

TEST SAMPLES: Follow these SQA-V testing instructions EXACTLY:

- 1. From MAIN MENU select: TEST NEW PATIENT.
- 2. From ENTER PATIENT/SAMPLE DATA enter:
 - Patient ID: Enter NEQAS Sample# (omit "S")
 - Birth Date: Test date
 - Abstinence: "1"
 - Sample/Accession: NEQAS Sample# (omit "S")
 - Collected and Received: Test date
- 3. From the next screen enter:
 - Sample Type: FRESH
 - Volume: 1 ml
 - WBC Conc: Select > 1 M/ml
 - pH: **1.0**
 - Appearance/Viscosity/Liquefaction: NORM.
- 4. Select: "NO" when asked "IS SAMPLE VOLUME **SUFFICIENT FOR COMPLETE TESTING>= .5ML?**
- 5. Select the option: "Dilute sample 1:1 with media" **BUT - DO NOT DILUTE THE NEQAS SAMPLE.**
- 6. Vortex the sample at 15 hertz for 10 seconds.
- 7. Using a Pasteur pipette, transfer all of the sample to a 10ml cup. Then load & insert the capillary to test.
- 8. Testing will take an additional 2 minutes for "low quality sample" (no motility in the sample). Report SPERM CONC results by sample #.



TEST RESULTS

MOTILITY <a+b+c>

IMMOTILITY <d>

RAPID PROG. MOTILITY <a>

SLOW PROG. MOTILITY

MORPH. NORM. FORMS, WHO 3rd

NONPROG MOTILITY <c>

TESTING WILL TAKE 2 MORE MINUTES

20.7 M/m

< 5 %

%

%

%

INSERT CAPILLARY INTO CHAMBER