

Technical Tip 13

ZEUS AtheNA Multi-Lyte[®] Test System

Subject: Procedure to Properly Name Batch Files

Communication between AtheNA Multi-Lyte[®] and Luminex Software Version 2.1 or 2.3

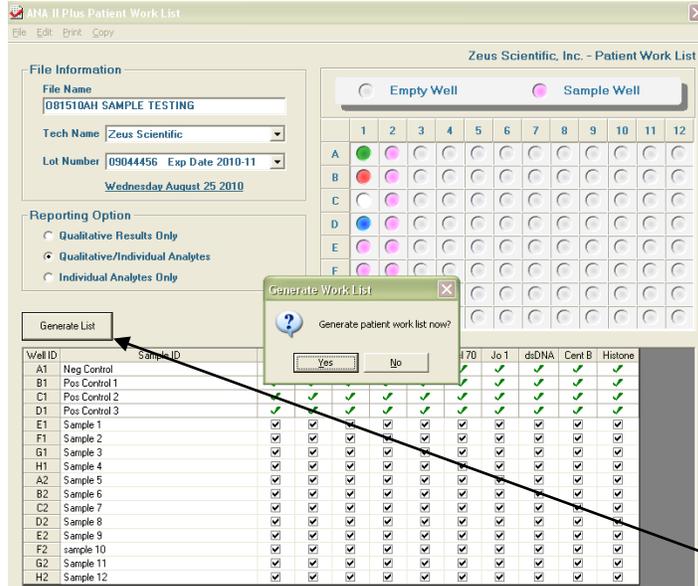
Background: If not performed properly, the process of creating a patient worklist in the AtheNA Multi Lyte[®] Software, reading the patient list on the Luminex Software and then analyzing results in the AtheNA Multi-Lyte[®] Software may create communication issues. When there is an error in this procedure, the user will receive errors when trying to locate the batch file or analyze the data. When there is variation in the file names between the AtheNA Multi-Lyte[®] patient worklist name and the Luminex batch file name, the Analyze button in the AtheNA Multi-Lyte[®] Software will not turn green and the user will not be able to analyze the run data. **It is critical that throughout the assay the file names remain the same.** Following the procedure below will ensure that the worklist and batch file names always match, so that the results can be properly analyzed. Please follow all steps below exactly as described.

Instructions:

1. Generate the AtheNA Multi-Lyte[®] patient worklist:



Select the assay being run, then select "Patient List" to open the Worklist Editor Page of the AtheNA Multi-Lyte[®] Software.



File Name: 081510AH SAMPLE TESTING
Tech Name: Zeus Scientific
Lot Number: 09044456 Exp Date 2010-11
Wednesday August 25 2010

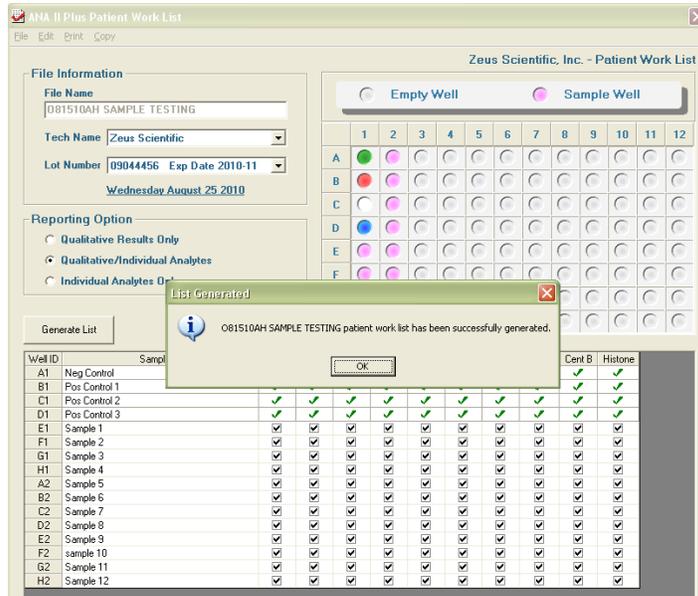
Reporting Option
 Qualitative Results Only
 Qualitative/Individual Analytes
 Individual Analytes Only

Generate List

Generate Work List
Generate patient work list now?
Yes No

Well ID	Sample ID	Jo 1	dsDNA	Cent B	Histone
A1	Neg Control	✓	✓	✓	✓
B1	Pos Control 1	✓	✓	✓	✓
C1	Pos Control 2	✓	✓	✓	✓
D1	Pos Control 3	✓	✓	✓	✓
E1	Sample 1	✓	✓	✓	✓
F1	Sample 2	✓	✓	✓	✓
G1	Sample 3	✓	✓	✓	✓
H1	Sample 4	✓	✓	✓	✓
A2	Sample 5	✓	✓	✓	✓
B2	Sample 6	✓	✓	✓	✓
C2	Sample 7	✓	✓	✓	✓
D2	Sample 8	✓	✓	✓	✓
E2	Sample 9	✓	✓	✓	✓
F2	Sample 10	✓	✓	✓	✓
G2	Sample 11	✓	✓	✓	✓
H2	Sample 12	✓	✓	✓	✓

Fill in all required fields, including patient samples, and press "Generate List". Click Yes



List Generated
081510AH SAMPLE TESTING patient work list has been successfully generated.
OK

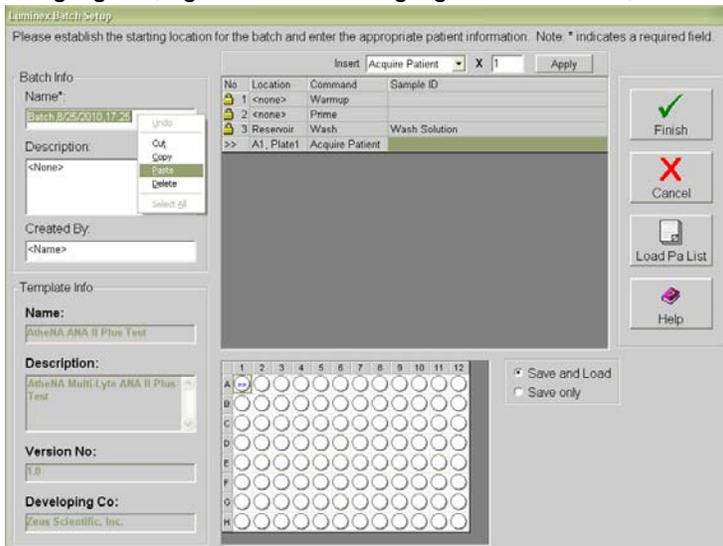
Acknowledge that the worklist has been generated. Click OK

2. **IMMEDIATELY** following the acknowledgement that the worklist has been generated, open the Luminex software and select the appropriate assay by double-clicking on the assay name:

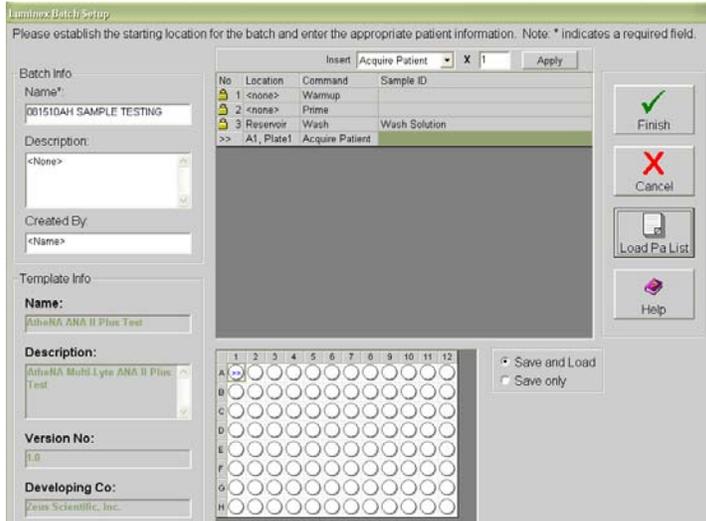


NOTE: Be sure the same assay is chosen as in the AtheNA Multi-Lyte® Software.

3. Once the assay template has been selected a Luminex Batch Setup screen will open , the ENTIRE batch name must be highlighted, right click over the highlighted batch name, and select "Paste":

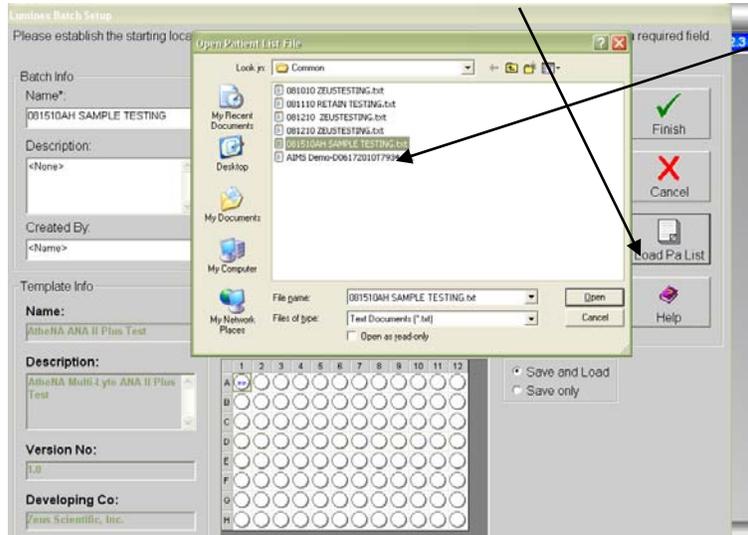


4. The AtheNA Multi-Lyte[®] worklist name will appear exactly as it was generated in the AtheNA Multi-Lyte[®] Software:



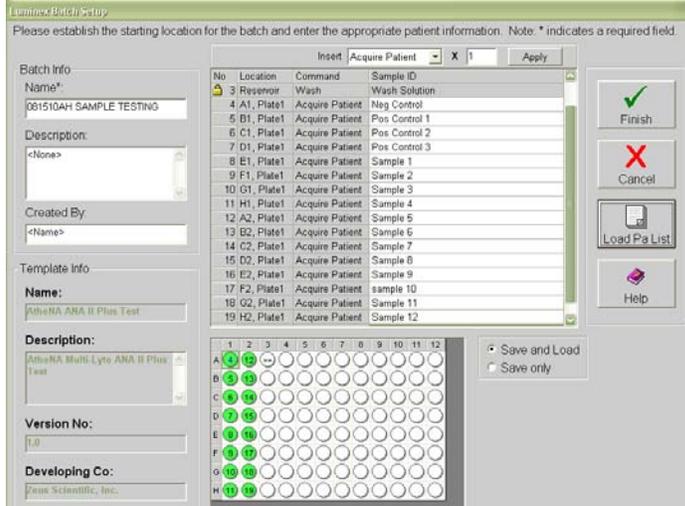
NOTE: This will ensure that the AtheNA Multi-Lyte[®] Software and the Luminex Software will communicate properly and the results will be made available immediately following the run.

5. Proceed as normal: select the Load Pat List Icon and select the correct worklist name to load into the Luminex software.



Note: Be sure to select the *CORRECT* worklist.

- Select Finish. The software is now ready to receive the plate for analysis.



When these instructions are followed exactly, the analyze button in the Athena Multi-Lyte® Software will turn green when ready to analyze the data.