

Forensic Advantage System: What Judges Need to Know

Deputy Assistant Director John Dilday, NC State Crime Lab

FA System

FA stands for Forensic Advantage. FA is the laboratory information system used in the North Carolina State Crime Laboratory .

The FA system is almost totally paperless within the Laboratory.

The Laboratory uses FA to deliver discovery packets to DA's Offices electronically over the Internet.

The logo for Forensic Advantage, featuring the words "FORENSIC" and "ADVANTAGE" in a blue serif font, separated by a blue circular icon with a white swoosh. A registered trademark symbol (®) is located at the top right of the word "ADVANTAGE".

FORENSIC ADVANTAGE®

NORTH CAROLINA STATE CRIME LABORATORY		Case #: P201100116
- TOXICOLOGY DWI WORKSHEET		Analysts: Lewallen, Wayne
		Date Started: 8/25/2011
		Date Completed: 9/2/2011

TOXICOLOGY EXAM	DISPOSITION / RESULTS	COMPLETED TASKS	PRINT PREVIEW
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Insert Description of Packaging for Multiple Items
 Insert Analysis Information

Item	Item Description	Agency Evidence Id
1	Vial containing blood. 1 See Comments containing blood. The container(s) was labeled with the name Jane Brown.	

Description
 BAC
 Immunoassays
 Extraction / GCMS / Conclusions

DESCRIPTION:

Description Recorded By: Lewallen, Wayne Date: 8/26/2011

Outer Packaging: seal... Inner Packaging: seal...
 containing... containing...

# of Containers:	Container Type:	Sealed Unsealed:	Color or Vac Top:	Sample Type:
1	See Comments	sealed	grey top	blood

Subject's Name Listed on: container(s) as Jane Brown

Add Containers Lock Description:

Comments:

Glass vial containing blood.

Information of Event Witnessed: Witness Date

Add Witness

IMMUNOASSAYS:

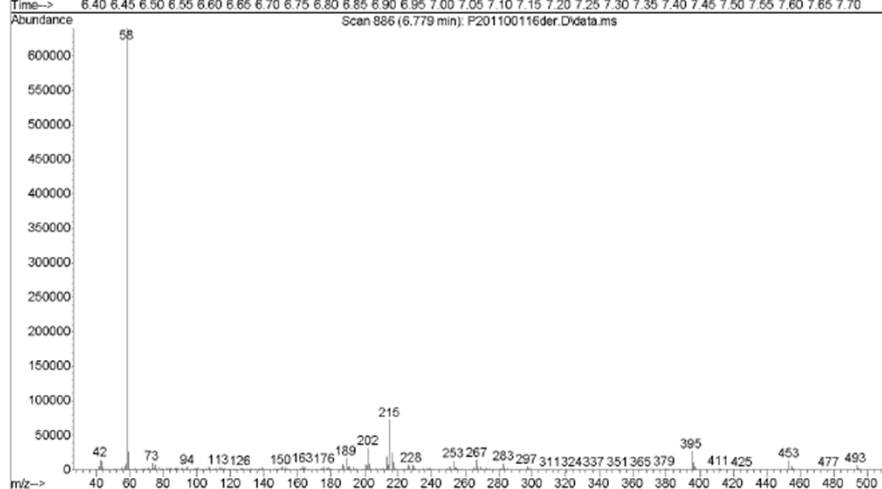
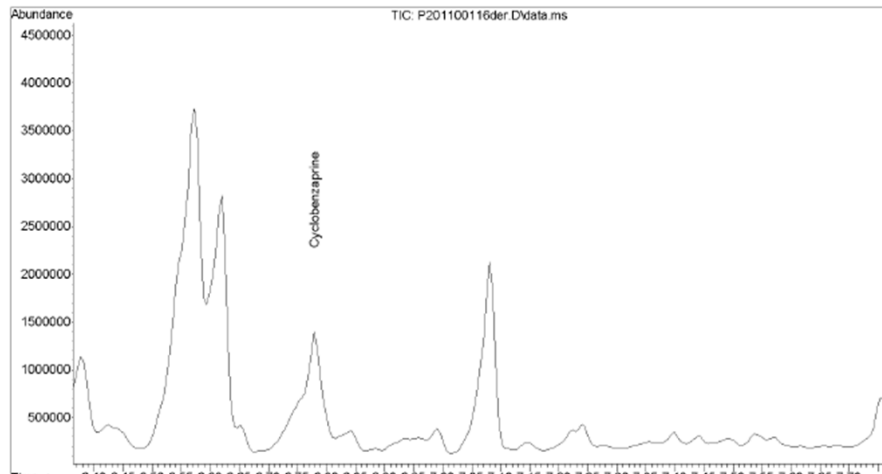
ELISA: Date Done: 8/26/2011 Instrument ID: Data: ELISA-P201100116 Calibration / QC Result: ELISAQC20110826

	Positive	Elevated	Negative	Reagent Kit ID
Cocaine Metabolite (Benzoylcegonin)	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	
Opiates	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Barbiturates	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	

Digital Worksheets

In the Laboratory, Analysts record all of their notes and original observations on digital worksheets. These worksheets were designed by each Section and were created to follow the procedures used in the Laboratory.

*ACQUIRED : 1 Sep 2011 11:03 USING ACQMETHOD TOX1.M
 *INSTRUMENT : US83121440
 *SAMPLE NAME: P201100116 deriv.
 *MISC INFO : B 08-30-2011, in 50ul BSTFA
 *VIAL NUMBER: 19



ELISA Analysis: 8/26/2011
Operator: FWL/MTH
QC data file: ELISAQC20110826

Case #: P201100116
 Item #: 1

Test / Strip Method #	Case Sample Results			Evaluated Result
	A	B	Average	
Benzoylcegonine 206	2.5180	2.6520	2.5850	Negative
Opiates 207	0.2140	0.2180	0.2160	Positive
Barbiturates 210	2.5300	2.5470	2.5385	Negative
Benzodiazepines 214	2.7470	2.3080	2.5275	Negative
Methadone 232	2.1670	2.1620	2.1645	Negative
Carisoprodol 231	3.2990	3.0570	3.1780	Negative
Cannabinoids 205	2.9520	3.0620	3.0070	Negative
Methamphetamine 211	3.1170	3.0990	3.1080	Negative
Tramadol 225 (_MP05)	3.0170	3.1890	3.1030	Negative
Zolpidem 233 (_MP06)	3.2220	2.8680	3.0450	Negative

STATEMENT OF QUALIFICATIONS

Name of Lab: NC State Crime Laboratory (Raleigh) **Date:** April 11, 2011
Name: Frank Wayne Lewallen **Job Title:** Forensic Scientist

Discipline(s): Indicate all areas in which you do casework.

- | | |
|--|---|
| <input type="checkbox"/> Controlled Substances | <input type="checkbox"/> DNA |
| <input checked="" type="checkbox"/> Toxicology | <input type="checkbox"/> Firearms/Toolmarks |
| <input type="checkbox"/> Trace Evidence | <input type="checkbox"/> Questioned Documents |
| <input type="checkbox"/> Serology | <input type="checkbox"/> Latent Prints |

Object Repository

This repository stores any digital files generated by the Analyst during their examination. Examples of the types of files generated include photographs, charts, graphs, spreadsheets, Analyst CVs, evidence receipts, and raw data from DNA examinations.

North Carolina Department of Justice
North Carolina State Crime Laboratory
Raleigh
Crime Laboratory Report

TO:	Joe Smith Production Test Agency 0000 Test Case Dr. Nowhere, NC 27885	DATE:	September 2, 2011
		CRIME LAB NO.:	P201100116
		SEI FILE NO.:	
		AGENCY FILE NO.:	CompTest
LOCATION:	Unknown	EXAMINED BY:	Wayne Lewallen
TYPE OF CASE:	DWI	SUBMITTED BY:	Joe Smith
		DATE OF OFFENSE:	August 22, 2011
		DATE SUBMITTED:	August 24, 2011
SUBJECT(S):	Jane Brown		

AFFIDAVIT AND REVOCATION REPORT
(BLOOD TEST)

The undersigned being first duly sworn say:

1. I am a Chemical Analyst duly authorized to analyze a person's blood to determine the alcohol concentration or presence of an impairing substance therein.
2. At the time this analysis was made I possessed a current permit issued by the Department of Health and Human Services authorizing me to conduct such analysis. My Permit Number is .
3. I analyzed the blood of the above-named person in accordance with methods approved by the North Carolina State Crime Laboratory and the Department of Health and Human Services, and made the following determination(s):

- Analysis confirmed the presence of the following substances:
- Cyclobenzaprine
- Morphine
4. The disposition of this evidence is as follows: The evidence will be retained.

Subscribed and sworn to before me

This the ____ day of _____

(Signature of official administering oath)


My Commission expires _____

COPIES TO:
Unknown Clerk of Court, Department of Health and
Human Services, Division of Motor Vehicles

This report contains the opinions/interpretations
of the examiner(s) who issued the report. All
supporting documentation generated during the
examination is released with the report.


Wayne Lewallen

THIS REPORT IS TO BE USED ONLY IN CONNECTION
WITH AN OFFICIAL CRIMINAL INVESTIGATION


Gregory S. McLeod, Director

DHHS 3176 (revised 06/10)

I, Roy Cooper, Attorney General of the State of North Carolina, hereby certify that the form identified as: North Carolina State Crime Laboratory, North Carolina State Bureau of Investigation, Department of Justice, Laboratory Report is a form approved by me for the purpose stated in G.S. 20-139.1(c1) and approved by me in compliance with the said statute.

Confidential. This is an official file of the North Carolina State Crime Laboratory, North Carolina State Bureau of Investigation. To make public or reveal the contents thereof to any unauthorized person is a violation of the General Statutes of North Carolina.

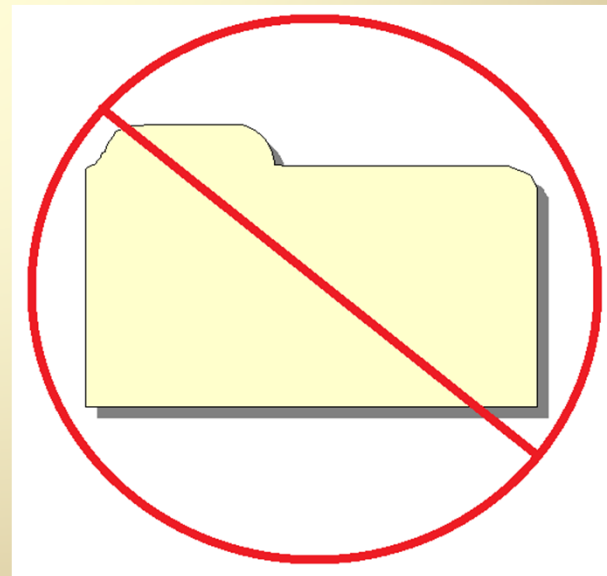
Laboratory Report

The data recorded on the worksheet by the Analyst generates the Laboratory report for the examination. The Laboratory Report is still in the same format as pre-FA reports.

All data generated from an examination is stored in a digital file folder or Case Record.

Case #:	P201100116	Lab:	Raleigh
Record #:	1	Section:	Toxicology
Status:	Complete	Submitted:	8/24/2011 11:48 AM
Type:	Forensics Exam	In Section:	8/25/2011 12:08 PM
Examiner:	Lewallen, Wayne	Assigned:	8/25/2011 12:08 PM
Note:		Exams Started:	8/25/2011 12:09 PM
Sequence:	10	Priority:	9
Working Days:	0	Exams Completed:	9/2/2011 9:54 AM
Discipline #:		Due Date:	
Comments:		Completed:	9/7/2011 9:26 AM

It should be noted that there are no paper file folders for cases that were completed after January 1, 2008.



FA Web

FA Web is the website that is used to deliver discovery packets to DA's offices.

The Laboratory began using FA Web to deliver laboratory reports to DA's offices in the Fall of 2008.

Since March of 2010, discovery packets are delivered to the DA's offices at the completion of an examination.

FA Web

DEMONSTRATION

Questions?

Deputy Assistant Director John Dilday

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Phone (it has changed!) : 919 – 662-4509 x **2242**