



Houston Forensic Science Center

Comparative and Analytical Division - Toxicology

Immunoassay Batch Review Checklist

Batch Name: <u>EIA 2018115B-ABG</u>		Analyst Review	Technical Review	Practitioner TR 02/08 11/20/18
Worklist	Batch name written and item(s) tested for each case listed	✓	✓	✓
	Pipette(s) used listed	✓	✓	✓
	Lot numbers for calibrators, controls, and reagents are listed	✓	✓	✓
	Inventory number(s) listed	✓	✓	✓
Sequence	Verify batch file name is consistent	✓	✓	✓
	Reviewer verified, initialed, and dated sequence	✓	✓	✓
	Verify appropriate calibrator and controls were analyzed, and appropriate controls were run at least after every 10 case samples	✓	✓	✓
	Verify all cases were processed and have data	✓	✓	✓
Magellan Data	Verify average absorbance of blank replicates is above 1.000	✓	✓	✓
	Verify calibrators and controls are acceptable	✓	✓	✓
	Verify case samples are bracketed by acceptable positive controls	✓	✓	✓
	Verify correct method was run	✓	✓	✓
Immunoassay Case Summary Report	Verify absorbance readings on Immunoassay Case Summary Report against Magellan data	✓	✓	✓
	Verify results on Immunoassay Case Summary Report against Magellan data	✓	✓	✓
	Verify analyst, matrix, instrument, and batch name(s)	✓	✓	✓
	Verify forensic case number and item tested	✓	✓	✓
Immunoassay Batch QC Data Worksheet	Verify batch and analyst names	✓	✓	✓
	Verify preparation of calibrators, controls, and reagents	✓	✓	✓
	Verify pipette(s) against those listed on the worklist	✓	✓	✓
	Verify lot numbers and expiration dates of calibrators, controls, and reagents	✓	✓	✓
	Verify kit lot numbers and expirations dates against Drug Standard Database	✓	✓	✓
Verify all quality controls were added to QC Logs		✓	✓	✓
All comments and/or strikethroughs, if any, initialed		✓	✓	✓
All pages contain batch name and are initialed		✓	✓	✓

AK
4/20/18 AK

Houston Forensic Science Center

Comparative and Analytical Division - Toxicology

Notes from Technical Review

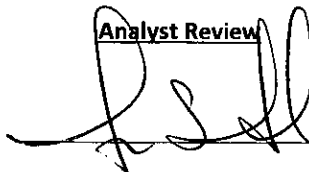
EIA_2018115B_18

Missing initials from first page of ~~checklist~~ ^{copy} checklist. (Practice TR) 007 11/20/18
Case summary reports need comment for previous analysis. (Practice TR) 007 11/20/18
N/A. emc 11/20/18

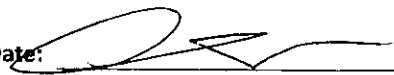
Analyst Review

Technical Review

Signature/Date:

 11/15/18

Signature/Date:

 11/20/18

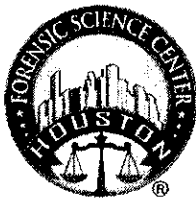
Practice Technical Review  11/20/2018

LAB-75

Issue By: Manager - Toxicology

Issue Date: 2018-06-04

Page 2 of 2



Houston Forensic Science Center
Comparative and Analytical Division - Toxicology

Immunoassay Batch QC Data

Batch: EIA 20181115B-ABG

Analyst: [Signature]

Matrix: Blood Urine

Instrument: Tecan Tecan-2

Pipette(s): 8932 235D

Phosphate Buffer Saline Lot Number: 181029-PR57

Expiration Date: 4/29/19

Controls:	Lot Number	Expiration
Blank	<u>E 32118</u>	<u>11/30/18</u>
Negative	<u>180830B-MXN</u>	<u>2/24/19</u>
Calibrator	<u>180924B-MXC</u>	<u>3/19/19</u>
Positive	<u>180830B-MXP</u>	<u>2/24/19</u>

Oxycodone:	Lot Number	Expiration
Negative	<u>N/A</u>	
Calibrator	<u>N/A</u>	
Positive	<u>N/A</u>	

	Kit Lot Number	Expiration
Amphetamine	<u>EK17107</u>	<u>9/30/19</u>
Barbiturates	<u>N/A</u>	
Benzodiazepines	<u>N/A</u>	
Benzoylcegonine	<u>N/A</u>	
Cannabinoids	<u>N/A</u>	
Carisoprodol	<u>N/A</u>	

	Kit Lot Number	Expiration
Methadone	<u>N/A</u>	
Methamphetamine	<u>N/A</u>	
Opiates	<u>N/A</u>	
Phencyclidine	<u>N/A</u>	
Zolpidem	<u>N/A</u>	
Oxycodone	<u>N/A</u>	

Comments: Reanalysis of all samples for amphetamine assay, ^{ABG-1115/18} originally analyzed in batch EIA-20181113B-ABG. -ABG 11/15/18

[Signature]



Reanalysis of entire batch for Amps only

11/15/2018

EIA-20181115B-ASB Tecan-2

Priority	Lab Case# / Item#	Description	
2018-14542	118891818 Normal	Driving While Intoxicated (Liquor)(DWI) ~15 mL - AAJ 10/11/18	
	1.1 one grey top tube		
2018-14547	118941818 Normal	Driving While Intoxicated (Liquor)(DWI) ~13 mL -CLR 10/04/18	
	1.1 one grey top tube		
2018-14545	118976818 Normal	Driving While Intoxicated (Liquor)(DWI) ~15 mL -CLR 10/04/18	
	1.1 one grey top tube		
2018-14894	119193818 Normal	Investigation For Rape Requested By: Loren Magness Please perform an analysis on the sexual assault kit of complainant for the presence of DNA, hair, semen, bodily fluids, and foreign substance. Please report any findings to CODIS. Please report any findings to Officer LR Magness at 713-308-1482, loren.magness@HoustonPolice.org ~3 mL - AAJ 10/11/18	
	2.1.1 one grey top tube		
2018-14654	119230418 Normal	Driving While Intoxicated (Liquor)(DWI) ~12 mL VC 10/31/18	
	1.1 one grey top tube		
2018-14692	119498118 Normal	Driving While Intoxicated (Liquor)(DWI) ~12 mL -CLR 10/04/18	
	1.1 one grey top tube		
2018-14694	119922218 Normal	Driving While Intoxicated (Liquor)(DWI) ~14 mL -CLR 10/04/18	
	1.1 one grey top tube		
2018-14843	120283118 Normal	Driving While Intoxicated (Liquor)(DWI) ~12 mL -CLR 10/04/18	
	1.1 one grey top tube		
2018-14852	120300818 Normal	Driving While Intoxicated (Liquor)(DWI) ~13 mL VC 10/11/18	
	1.1 one grey top tube		
2018-14845	120329518 Normal	Investigation For Driving While Intoxicated ~13 mL -CLR 10/04/18	
	1.1 one grey top tube		
2018-14863	120329918 Normal	Driving While Under Influence Of Drugs (DUID) ~14mL -DM 10/25/18.	
	1.1.1 one grey top tube		
2018-14850	120375818 Normal	Driving While Intoxicated (DWI) - Unclassified ~13 mL VC 10/12/18	
	1.1 one grey top tube		
2018-14759	120597218 Normal	Driving While Under Influence Of Drugs (DUID) ~13 mL VC 10/12/18	
	1.1 one grey top tube		
2018-14855	120773918 Normal	Driving While Intoxicated (Liquor)(DWI) ~8 mL VC 10/12/18	
	1.1 one grey top tube		



1/3 ASB

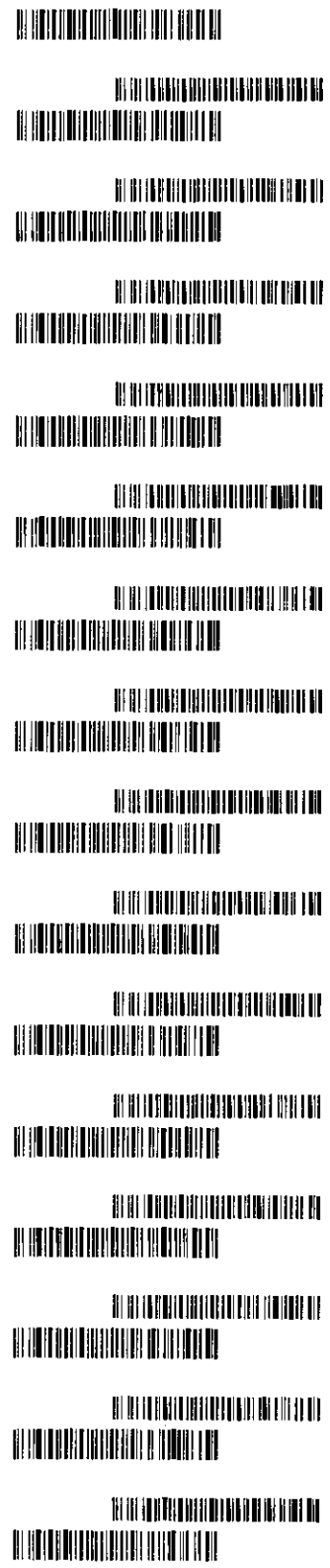


Alcohol/Toxicology
Work List for Andrea Gooden, MS / EIA Blood

11/15/2018

EIA-2018115B ABG Tecan-2

Priority	Lab Case# / Item#	Description
2018-14941	121013818	Driving While Intoxicated (Liquor)(DWI)
	Normal	~11 mL VC 10/12/18
	1.1 one grey top tube	
2018-14853	121028418	Driving While Intoxicated (Liquor)(DWI)
	Normal	~13 mL VC 10/12/18
	1.1 one grey top tube	
2018-14829	121036418	Driving While Intoxicated (Liquor)(DWI)
	Normal	~13 mL VC 10/12/18
	1.1 one grey top tube	
2018-14937	121097318	Driving While Intoxicated (Liquor)(DWI)
	Normal	~ 5 mL of blood. - ASG 10/25/2018
	1.1 one grey top tube	
2018-14827	121115118	Driving While Intoxicated (Liquor)(DWI)
	Normal	~13 mL. -DM 10/17/18
	1.1 one grey top tube	
2018-14837	121171818	Driving While Intoxicated (Liquor)(DWI)
	Normal	~14mL. -DM 10/17/18
	1.1 one grey top tube	
2018-14995	121253318	Driving While Intoxicated (Liquor)(DWI)
	Normal	~11 mL of blood. -ASG 10/25/2018
	1.1 one grey top tube	
2018-14994	121274218	Driving While Intoxicated (Liquor)(DWI)
	Normal	~ 11 mL of blood. - ASG 10/26/2018
	1.1 one grey top tube	
2018-14936	121349418	Driving While Intoxicated (Liquor)(DWI)
	Normal	~ 13 mL of blood. -ASG 10/26/2018
	1.1 one grey top tube	
2018-14932	121583818	Driving While Under Influence Of Drugs (DUID)
	Normal	~ 15 mL of blood. -ASG 10/26/2018
	1.1 one grey top tube	
2018-14939	121594818	Driving While Intoxicated (Liquor)(DWI)
	Normal	~11mL. -DM 10/17/18
	1.1 one grey top tube	
2018-14945	121629518	Driving While Intoxicated (Liquor)(DWI)
	Normal	~ 14 mL of blood. -ASG 10/26/2018
	1.1 one grey top tube	
2018-14996	121987018	Driving While Intoxicated (Liquor)(DWI)
	Normal	~ 13 mL of blood. - ASG 10/26/2018
	1.1 one grey top tube	
2018-14986	122034118	Driving While Intoxicated (Liquor)(DWI)
	Normal	~3 mL VC 10/12/18
	1.1.1 one grey top tube	
2018-15053	122164118	Driving While Under Influence Of Drugs (DUID)
	Normal	~14mL. -DM 10/17/18
	1.1 one grey top tube	
2018-15051	122397718	Investigation For Driving While Intoxicated



2/13 ABG



Alcohol/Toxicology
Work List for Andrea Gooden, MS / EIA Blood

11/15/2018

EIA-20181115B-ASG Tecan-2

Priority Lab Case#/ Item# Description

Normal

~ 13 mL of blood - ASG 10/26/2018
Requested By: Aaron Masters
no indication of alcohol, states synthetic cannabinoids and medications,
toxicology requested for dwi suspect blood

1.1 one grey top tube



Total Tasks 30

Inv #

Exp

PBS: 181029-PBS7 exp. 4/29/19

Pipettes: 8932, 235D

Amps 20

9/19

Blank: E32118 exp. 1/30/18

- ~~Barbs~~
- ~~BZ~~
- ~~Be~~
- ~~THC~~ # 1115113
- ~~CAR~~
- ~~MADN~~
- ~~Meth~~
- ~~OPI~~
- ~~PLP~~

- Mixed
- Neg 1808308-MXN 2/24/19
- Cal 180924B-MXC 3/19/19
- Pos 1808308-MXP 2/24/19

Exp

- ~~Oxy~~
- ~~Neg~~ # 1115112
- ~~Cal~~
- ~~Pos~~

*Reanalysis of all samples for Amps only



	ID	209
1	Blank-1	X
2	Blank-2	X
3	Negative-1	X
4	Negative-2	X
5	Calibrator-1	X
6	Calibrator-2	X
7	Positive-1	X
8	Positive-2	X
9	01_2018-14542_1/1	X
10	02_2018-14547_1/1	X
11	03_2018-14545_1/1	X
12	04_2018-14894_2/1/1	X
13	05_2018-14654_1/1	X
14	06_2018-14692_1/1	X
15	07_2018-14694_1/1	X
16	08_2018-14843_1/1	X
17	09_2018-14852_1/1	X
18	10_2018-14845_1/1	X
19	Positive-3	X
20	11_2018-14863_1/1/1	X
21	12_2018-14850_1/1	X
22	13_2018-14759_1/1	X
23	14_2018-14855_1/1	X
24	15_2018-14941_1/1	X
25	16_2018-14853_1/1	X
26	17_2018-14829_1/1	X
27	18_2018-14937_1/1	X
28	19_2018-14827_1/1	X
29	20_2018-14837_1/1	X
30	Positive-4	X
31	21_2018-14995_1/1	X
32	22_2018-14994_1/1	X
33	23_2018-14936_1/1	X
34	24_2018-14932_1/1	X
35	25_2018-14939_1/1	X
36	26_2018-14945_1/1	X
37	27_2018-14996_1/1	X
38	28_2018-14986_1/1/1	X
39	29_2018-15053_1/1	X
40	30_2018-15051_1/1	X
41	Positive-5	X

verified 11/15/2018 *ay*

AS

Houston Forensic Science Center - Toxicology
Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**
Batch Name: **EIA_20181115B_ASG**
Batch Name:

Instrument: **TECAN-2**

Forensic Case Number: **01_2018-14542_1/1**

Matrix: **Blood**

CONTROL ID:	Amphetamine		
	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.733	2.613
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data: **2.409**
RESULT: **neg**

*Previously analyzed in batch
EIA_20181113B_ASG - ASG 11/20/18*

Reviewed by: *AM* 11/20/18

Report Date: 11/15/2018 12:18:17 PM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**
Batch Name: **EIA_20181115B_ASG**
Batch Name:

Instrument: **TECAN-2**

Forensic Case Number: **02_2018-14547_1/1**

Matrix: **Blood**

Amphetamine

CONTROL ID:

	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.733	2.613
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data: **2.644**
RESULT: **neg**

*Previously analyzed in batch
EIA-20181113B ASG 11/20/18
ASG*

Reviewed by: *EMC* 11/20/18

Report Date: 11/15/2018 12:18:17 PM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**

Instrument: **TECAN-2**

Forensic Case Number: **03_2018-14545_1/1**

Batch Name: **EIA_20181115B_ASG**

Batch Name:

Matrix: **Blood**

CONTROL ID:	Amphetamine		
	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.733	2.613
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data: **1.985**

RESULT: **neg**

*Previously analyzed in batch
EIA_20181115B_ASG - ASL 11/20/18*

Reviewed by: *ELC* 11/20/18

Report Date: 11/15/2018 12:18:17 PM

Houston Forensic Science Center - Toxicology
Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**
Batch Name: **EIA_20181115B_ASG**
Batch Name:

Instrument: **TECAN-2**

Forensic Case Number: **04_2018-14894_2/1/1**

Matrix: **Blood**

CONTROL ID:	Amphetamine		
	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.733	2.613
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data: **2.573**
RESULT: **neg**

*Re-analyzed in batch
EIA_20181113B - ~~ASG~~ - ASG-11/20/18*

Reviewed by: *EMC* 11/20/18

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**

Instrument: **TECAN-2**

Forensic Case Number: **05_2018-14654_1/1**

Batch Name: **EIA_20181115B_ASG**

Batch Name:

Matrix: **Blood**

CONTROL ID:	Amphetamine		
	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.733	2.613
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data: **2.494**

RESULT: **neg**

*Previously analyzed in batch
EIA-20181115B-ASG 11/20/18 ASG*

Reviewed by: *EM* 11/20/18

Report Date: 11/15/2018 12:18:17 PM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**

Instrument: **TECAN-2**

Forensic Case Number: **06_2018-14692_1/1**

Batch Name: **EIA_20181115B_ASG**

Batch Name:

Matrix: **Blood**

CONTROL ID:	Amphetamine		
	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.733	2.613
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data: **2.451**
RESULT: **neg**

*Previously analyzed in batch
EIA_20181113B_ASG - ASG 11/20/18*

Reviewed by: *ELM 11/20/18*

Report Date: 11/15/2018 12:18:17 PM

Houston Forensic Science Center - Toxicology
Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **07_2018-14694_1/1**
Batch Name: **EIA_20181115B_ASG**
Batch Name: Matrix: **Blood**

CONTROL ID:	Amphetamine		
	conc	raw data mean	
Blank-1	0 ng/mL	2.733	2.613
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:
Raw Data: **2.595**
RESULT: **neg**

*Previously analyzed in batch
EIA_20181113B_ASG, -ASG 11/2018*

Reviewed by: *ENC 11/2018*

Report Date: 11/15/2018 12:18:17 PM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**

Instrument: **TECAN-2**

Forensic Case Number: **08_2018-14843_1/1**

Batch Name: **EIA_20181115B_ASG**

Batch Name:

Matrix: **Blood**

CONTROL ID:	Amphetamine		
	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.733	2.613
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data:	2.504
RESULT:	neg

*Previously analyzed in batch
EIA-2018 1113B-AB. 11/24/18 ABK*

Reviewed by: *EMC 11/20/18*

Report Date: 11/15/2018 12:18:17 PM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**

Instrument: **TECAN-2**

Forensic Case Number: **09_2018-14852_1/1**

Batch Name: **EIA_20181115B_ASG**

Batch Name:

Matrix: **Blood**

Amphetamine

CONTROL ID:

	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.733	2.613
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data:	2.658
RESULT:	neg

*Previously analyzed in batch
EIA_20181115B_ASG. 11/20/18 ASG*

Reviewed by: *EMU 11/20/18*

Report Date: 11/15/2018 12:18:17 PM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**

Instrument: **TECAN-2**

Forensic Case Number: **10_2018-14845_1/1**

Batch Name: **EIA_20181115B_ASG**

Batch Name:

Matrix: **Blood**

CONTROL ID:	Amphetamine		
	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.733	2.613
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data: **2.34**

RESULT: **neg**

*Previously analyzed in batch
EIA-20181113B_ASG. -ASG-11/20/18*

Reviewed by: *EMW 11/20/18*

Report Date: 11/15/2018 12:18:17 PM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**

Instrument: **TECAN-2**

Forensic Case Number: **11_2018-14863_1/1/1**

Batch Name: **EIA_20181115B_ASG**

Batch Name:

Matrix: **Blood**

CONTROL ID:	Amphetamine		
	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.733	2.613
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data: **2.553**

RESULT: **neg**

*Previously analyzed in batch
EIA-20181115B_ASG - 11/20/18*

Reviewed by: *ell 11/20/18*

Report Date: 11/15/2018 12:18:17 PM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**

Instrument: **TECAN-2**

Forensic Case Number: **12_2018-14850_1/1**

Batch Name: **EIA_20181115B_ASG**

Batch Name:

Matrix: **Blood**

Amphetamine

CONTROL ID:	conc	raw data	raw data mean
	Blank-1	0 ng/mL	2.733
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data: **2.731**

RESULT: **neg**

*Previously analyzed in batch
EIA-20181113B_ASG - 11/20/18*

Reviewed by: *EM 11/20/18*

Report Date: 11/15/2018 12:18:17 PM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **13_2018-14759_1/1**
 Batch Name: **EIA_20181115B_ASG**
 Batch Name: _____ Matrix: **Blood**

CONTROL ID:	Amphetamine		
	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.733	2.613
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data: **2.598**
 RESULT: **neg**

*Previously analyzed in batch
 EIA-20181113B AB. -AJ 11/20/18*

Reviewed by: *JMC 11/20/18*

Report Date: 11/15/2018 12:18:17 PM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**

Instrument: **TECAN-2**

Forensic Case Number: **14_2018-14855_1/1**

Batch Name: **EIA_20181115B_ASG**

Batch Name:

Matrix: **Blood**

CONTROL ID:	Amphetamine		
	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.733	2.613
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data: **2.682**

RESULT: **neg**

*Previously analyzed in batch
EIA-20181115B-ABL - ABZ 11/20/18*

Reviewed by: *LMC 11/20/18*

Report Date: 11/15/2018 12:18:17 PM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**

Instrument: **TECAN-2**

Forensic Case Number: **15_2018-14941_1/1**

Batch Name: **EIA_20181115B_ASG**

Batch Name:

Matrix: **Blood**

Amphetamine

CONTROL ID:

	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.733	2.613
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data: **2.551**

RESULT: **neg**

*Previously analyzed in batch
EIA_20181115B_ASG. - 11/20/18*

Reviewed by: *AM 11/20/18*

Report Date: 11/15/2018 12:18:17 PM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**
Batch Name: **EIA_20181115B_ASG**
Batch Name:

Instrument: **TECAN-2**

Forensic Case Number: **16_2018-14853_1/1**

Matrix: **Blood**

Amphetamine

CONTROL ID:

conc	raw data	raw data mean
0 ng/mL	2.733	2.613
	2.493	
10 ng/mL	1.95	1.932
	1.915	
20 ng/mL	1.442	1.416
	1.39	
40 ng/mL	1.01	1.025
	1.04	
	1.005	1.005
	0.99	0.99
	0.953	0.953

CASE DATA:

Raw Data: **2.734**
RESULT: **neg**

*Previously analyzed in batch
EIA-20181115B_ASG, -ASG 11/20/18*

Reviewed by: *ELC* 11/20/18

Report Date: 11/15/2018 12:18:17 PM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**
 Batch Name: **EIA_20181115B_ASG**
 Batch Name:

Instrument: **TECAN-2**

Forensic Case Number: **17_2018-14829_1/1**

Matrix: **Blood**

Amphetamine			
CONTROL ID:	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.733	2.613
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data: 2.684
 RESULT: neg

*Previously analyzed in batch
 EIA-20181113B - 11/24/18*

Reviewed by: *ELC 11/20/18*

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**

Instrument: **TECAN-2**

Forensic Case Number: **18_2018-14937_1/1**

Batch Name: **EIA_20181115B_ASG**

Matrix: **Blood**

Batch Name:

Amphetamine		
CONTROL ID:	conc	raw data mean
Blank-1	0 ng/mL	2.733
Blank-2		2.493
Negative-1	10 ng/mL	1.95
Negative-2		1.915
Calibrator-1	20 ng/mL	1.442
Calibrator-2		1.39
Positive-1	40 ng/mL	1.01
Positive-2		1.04
Positive-3		1.005
Positive-4		0.99
Positive-5		0.953

CASE DATA:

Raw Data: **2.763**

RESULT: **neg**

*Previously analyzed in batch
EIA-20181113B-AL - AL 11/20/18*

Reviewed by: *EWG 11/20/18*

Report Date: 11/15/2018 12:18:17 PM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**

Instrument: **TECAN-2**

Forensic Case Number: **19_2018-14827_1/1**

Batch Name: **EIA_20181115B_ASG**

Batch Name:

Matrix: **Blood**

Amphetamine

CONTROL ID:

	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.733	2.613
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data: **2.733**

RESULT: **neg**

*Previously analyzed in batch
EIA-20181115B-ASG, -ASG-11/20/18*

Reviewed by: *ell 11/20/18*

Report Date: 11/15/2018 12:18:17 PM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**

Instrument: **TECAN-2**

Forensic Case Number: **20_2018-14837_1/1**

Batch Name: **EIA_20181115B_ASG**

Matrix: **Blood**

CONTROL ID:	Amphetamine		
	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.733	2.613
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data: **2.686**

RESULT: **neg**

*Previously analyzed in batch
EIA-20181115B_ASG, -ASG-11/20/18*

Reviewed by: *emk 11/20/18*

Report Date: 11/15/2018 12:18:17 PM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**

Instrument: **TECAN-2**

Forensic Case Number: **21_2018-14995_1/1**

Batch Name: **EIA_20181115B_ASG**

Batch Name:

Matrix: **Blood**

Amphetamine

CONTROL ID:

	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.733	2.613
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data:	2.512
RESULT:	neg

Previously analyzed in batch
EIA_20181113B - 11/20/18

Reviewed by: ELU 11/20/18

Report Date: 11/15/2018 12:18:17 PM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**

Instrument: **TECAN-2**

Forensic Case Number: **22_2018-14994_1/1**

Batch Name: **EIA_20181115B_ASG**

Batch Name:

Matrix: **Blood**

CONTROL ID:	Amphetamine		
	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.733	2.613
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data: **2.429**

RESULT: **neg**

Previously analyzed in batch

EIA_20181115B_ASG 11/20/18 AL

Reviewed by: *EMC 11/20/18*

Report Date: 11/15/2018 12:18:17 PM

Houston Forensic Science Center - Toxicology
Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**
Batch Name: **EIA_20181115B_ASG**
Batch Name:

Instrument: **TECAN-2**

Forensic Case Number: **23_2018-14936_1/1**

Matrix: **Blood**

CONTROL ID:	Amphetamine		
	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.733	2.613
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data: **2.688**
RESULT: **neg**

*Previously analyzed in batch
EIA_20181113B_ASG, ASG-11/20/18*

Reviewed by: *LM 11/20/18*

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**

Instrument: **TECAN-2**

Forensic Case Number: **24_2018-14932_1/1**

Batch Name: **EIA_20181115B_ASG**

Batch Name:

Matrix: **Blood**

Amphetamine

CONTROL ID:	conc	raw data	raw data mean
	Blank-1	0 ng/mL	2.733
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data: **0.78**

RESULT: **POS**

Previously analyzed in batch

EIA_20181115B_ASG - 11/20/18

Reviewed by: *EM 11/20/18*

Report Date: 11/15/2018 12:18:18 PM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**

Instrument: **TECAN-2**

Forensic Case Number: **25_2018-14939_1/1**

Batch Name: **EIA_20181115B_ASG**

Batch Name:

Matrix: **Blood**

CONTROL ID:	Amphetamine		
	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.733	2.613
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data: **1.079**

RESULT: **POS**

*Previously analyzed in batch
EIA_20181115B_ASG - 11/20/18*

Reviewed by: *EMW 11/20/18*

Report Date: 11/15/2018 12:18:18 PM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**

Instrument: **TECAN-2**

Forensic Case Number: **26_2018-14945_1/1**

Batch Name: **EIA_20181115B_ASG**

Batch Name:

Matrix: **Blood**

Amphetamine		
CONTROL ID:	conc	raw data mean
Blank-1	0 ng/mL	2.733
Blank-2		2.493
Negative-1	10 ng/mL	1.95
Negative-2		1.915
Calibrator-1	20 ng/mL	1.442
Calibrator-2		1.39
Positive-1	40 ng/mL	1.01
Positive-2		1.04
Positive-3		1.005
Positive-4		0.99
Positive-5		0.953

CASE DATA:

Raw Data: **2.666**

RESULT: **neg**

Previously analyzed in batch

EIA-20181115B_ASG - ASD 11/20/18

Reviewed by: *ewc 11/20/18*

Report Date: 11/15/2018 12:18:18 PM

Houston Forensic Science Center - Toxicology
Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**
Batch Name: **EIA_20181115B_ASG**
Batch Name:

Instrument: **TECAN-2**

Forensic Case Number: **27_2018-14996_1/1**

Matrix: **Blood**

CONTROL ID:	Amphetamine		
	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.733	2.613
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data: **2.736**
RESULT: **neg**

*Previously analyzed in batch
EIA 20181115B ASD - ASD 11/20/18*

Reviewed by: *AWC 11/20/18*

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**

Instrument: **TECAN-2**

Forensic Case Number: **28_2018-14986_1/1/1**

Batch Name: **EIA_20181115B_ASG**

Batch Name:

Matrix: **Blood**

CONTROL ID:	Amphetamine		
	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.733	2.613
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data: **2.142**

RESULT: **neg**

*Previously analyzed in batch
EIA_20181113B_ASG - 11/20/18*

Reviewed by:

EWG 11/20/18

Report Date: 11/15/2018 12:18:18 PM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**

Instrument: **TECAN-2**

Forensic Case Number: **29_2018-15053_1/1**

Batch Name: **EIA_20181115B_ASG**

Batch Name:

Matrix: **Blood**

Amphetamine

CONTROL ID:	conc	raw data	raw data mean
	Blank-1	0 ng/mL	2.733
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data: **2.627**

RESULT: **neg**

Previously analyzed in hospital

*EIA-20181113B_ASG 11/24/18
ASG*

Reviewed by: *EMC 11/20/18*

Report Date: 11/15/2018 12:18:18 PM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.**

Instrument: **TECAN-2**

Forensic Case Number: **30_2018-15051_1/1**

Batch Name: **EIA_20181115B_ASG**

Matrix: **Blood**

CONTROL ID:	Amphetamine		
	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.733	2.613
Blank-2		2.493	
Negative-1	10 ng/mL	1.95	1.932
Negative-2		1.915	
Calibrator-1	20 ng/mL	1.442	1.416
Calibrator-2		1.39	
Positive-1	40 ng/mL	1.01	1.025
Positive-2		1.04	
Positive-3		1.005	1.005
Positive-4		0.99	0.99
Positive-5		0.953	0.953

CASE DATA:

Raw Data: **2.63**

RESULT: **neg**

*Previously analyzed in batch
EIA_20181113B_ASG - ~~11/15/18~~ 11/20/18*

Reviewed by: *EMC 11/20/18*

Report Date: 11/15/2018 12:18:18 PM

QC Validation criteria

Exp. Group Num 1

QC Validation criteria : Difference data

NCI>LPC1 --> TRUE

LPC1>PC1 --> TRUE

PC1>HPC1 --> TRUE

1 Strip method names

2 Sample ID 1

3 Difference data

4 Difference data - Mean

5 Difference data - Variation coefficient

6 b/b0

7 b/b0 - Mean

8 Cutoff results

Amps

	1	2	3	4	5	6	7	8
A1	209	Blank-1	2.733	2.613	6.4947	104.59	100	-
B1	209	Blank-2	2.493			95.408		
C1	209	Negative-1	1.95	1.9325	1.2807	74.627	73.957	-
D1	209	Negative-2	1.915			73.287		
E1	209	Calibrator-1	1.442	1.416	2.5967	55.186	54.191	-
F1	209	Calibrator-2	1.39			53.196		-
G1	209	Positive-1	1.01	1.025	2.0696	38.653	39.227	
H1	209	Positive-2	1.04			39.801		
A2	209	01_2018-14542_1/1	2.409	2.409		92.193	92.193	neg
B2	209	02_2018-14547_1/1	2.644	2.644		101.19	101.19	neg
C2	209	03_2018-14545_1/1	1.985	1.985		75.966	75.966	neg
D2	209	04_2018-14894_2/1/1	2.573	2.573		98.469	98.469	neg
E2	209	05_2018-14654_1/1	2.494	2.494		95.446	95.446	neg
F2	209	06_2018-14692_1/1	2.451	2.451		93.8	93.8	neg
G2	209	07_2018-14694_1/1	2.595	2.595		99.311	99.311	neg
H2	209	08_2018-14843_1/1	2.504	2.504		95.829	95.829	neg
A3	209	09_2018-14852_1/1	2.658	2.658		101.72	101.72	neg
B3	209	10_2018-14845_1/1	2.34	2.34		89.552	89.552	neg
C3	209	Positive-3	1.005	1.005		38.462	38.462	POS
D3	209	11_2018-14863_1/1/1	2.553	2.553		97.704	97.704	neg

EIA_20181115B_A67

AL

1 Strip method names

2 Sample ID 1

3 Difference data

4 Difference data - Mean

5 Difference data - Variation coefficient

6 b/b0

7 b/b0 - Mean

8 Cutoff results

	1	2	3	4	5	6	7	8
E3	209	12_2018-14850_1/1	2.731	2.731		104.52	104.52	neg
F3	209	13_2018-14759_1/1	2.598	2.598		99.426	99.426	neg
G3	209	14_2018-14855_1/1	2.682	2.682		102.64	102.64	neg
H3	209	15_2018-14941_1/1	2.551	2.551		97.627	97.627	neg
A4	209	16_2018-14853_1/1	2.734	2.734		104.63	104.63	neg
B4	209	17_2018-14829_1/1	2.684	2.684		102.72	102.72	neg
C4	209	18_2018-14937_1/1	2.763	2.763		105.74	105.74	neg
D4	209	19_2018-14827_1/1	2.733	2.733		104.59	104.59	neg
E4	209	20_2018-14837_1/1	2.686	2.686		102.79	102.79	neg
F4	209	Positive-4	0.99	0.99		37.887	37.887	POS ✓
G4	209	21_2018-14995_1/1	2.512	2.512		96.135	96.135	neg
H4	209	22_2018-14994_1/1	2.429	2.429		92.958	92.958	neg
A5	209	23_2018-14936_1/1	2.688	2.688		102.87	102.87	neg
B5	209	24_2018-14932_1/1	0.78	0.78		29.851	29.851	POS ✓
C5	209	25_2018-14939_1/1	1.079	1.079		41.294	41.294	POS ✓
D5	209	26_2018-14945_1/1	2.666	2.666		102.03	102.03	neg
E5	209	27_2018-14996_1/1	2.736	2.736		104.71	104.71	neg
F5	209	28_2018-14986_1/1/1	2.142	2.142		81.975	81.975	neg
G5	209	29_2018-15053_1/1	2.627	2.627		100.54	100.54	neg
H5	209	30_2018-15051_1/1	2.63	2.63		100.65	100.65	neg
A6	209	Positive-5	0.953	0.953		36.471	36.471	POS ✓

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