



Houston Forensic Science Center

Comparative and Analytical Division - Toxicology

Immunoassay Batch Review Checklist

Batch Name: <u>EIA_20181030B_A26</u>		Analyst Review	Technical Review
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		✓	✓

Houston Forensic Science Center

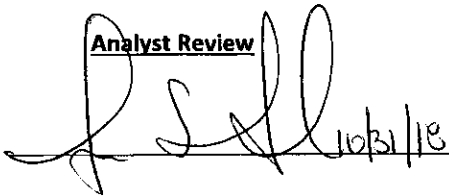
Comparative and Analytical Division - Toxicology

Notes from Technical Review

EIA-20181030B-ASG

One page missing initials. LMC 10/31/18

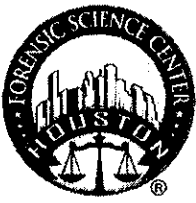
Analyst Review

Signature/Date:  10/31/18

Technical Review

Signature/Date:  10/31/18





Houston Forensic Science Center
Comparative and Analytical Division - Toxicology

Immunoassay Batch QC Data

Batch: EIA-20181030B-ASG Analyst: [Signature]
 Matrix: Blood Urine
 Instrument: Tecan Tecan-2
 Pipette(s): 235D 0A09 8932
 Phosphate Buffer Saline Lot Number: 180919-PBS7 Expiration Date: 3/19/19

Controls:	Lot Number	Expiration	Oxycodone:	Lot Number	Expiration
Blank	<u>E32118</u>	<u>11/30/18</u>	Negative	<u>180925B-Q-5</u>	<u>3/19/19</u>
Negative	<u>180830B-MXW</u>	<u>2/24/19</u>	Calibrator	<u>180924B-C-10</u>	<u>3/19/19</u>
Calibrator	<u>180924B-MXC</u>	<u>3/19/19</u>	Positive	<u>180925B-Q-20</u>	<u>3/19/19</u>
Positive	<u>180830B-MXP</u>	<u>2/24/19</u>			

	Kit Lot Number	Expiration		Kit Lot Number	Expiration
Amphetamine	<u>EK16700</u>	<u>3/31/19</u>	Methadone	<u>EK17120</u>	<u>9/30/19</u>
Barbiturates	<u>EK17008</u>	<u>7/31/19</u>	Methamphetamine	<u>EK16872</u>	<u>5/31/19</u>
Benzodiazepines	<u>EK16934</u>	<u>5/31/19</u>	Opiates	<u>EK16783</u>	<u>4/30/19</u>
Benzoylcegonine	<u>EK16842</u>	<u>5/31/19</u>	Phencyclidine	<u>EK17050</u>	<u>8/31/19</u>
Cannabinoids	<u>EK16814</u>	<u>5/31/19</u>	Zolpidem	<u>EK16778</u>	<u>4/30/19</u>
Carisoprodol	<u>EK16862</u>	<u>5/31/19</u>	Oxycodone	<u>EK16756</u>	<u>3/31/19</u>

Comments: PBS (lot: 181029-PBS7) was verified. -ASG 10/21/18

[Signature]



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

10/30/2018

EIA_20181030B ASG

Tecan-2

Priority Lab Case#/ Item# Description

2018-12750	110719518	Driving While Intoxicated (Liquor)(DWI) ~ 8 mL of blood - ASG 09/20/2018	
	Normal		
	1.1 one grey top tube	2 nd Aliquot (originally aliquotted 10/29/18) 1 st screen	
2018-12823	111348718	Driving While Under Influence Of Drugs (DUID) ~11 mL - AAJ 9/25/18	
	Normal		
	1.1 one grey top tube		
2018-12817	111438018	Driving While Intoxicated (Liquor)(DWI) ~16 mL VC 10/01/18	
	Normal		
	1.1 one grey top tube		
2018-12829	111574218	Driving While Under Influence Of Drugs (DUID) ~12 mL VC 10/02/18	
	Normal		
	1.1 one grey top tube		
2018-12821	111631818	Driving While Intoxicated (Liquor)(DWI) ~15 mL VC 10/02/18	
	Normal		
	1.1 one grey top tube		
2018-12822	112030118	Investigation For Driving While Intoxicated ~15 mL - AAJ 9/26/18	
	Normal		
	1.1 one grey top tube		
2018-12826	112050018	Driving While Intoxicated (Liquor)(DWI) ~12 mL VC 10/02/18	
	Normal		
	1.1 one grey top tube		
2018-12828	112373218	Driving While Intoxicated - Felony (DWI) ~5 mL VC 10/02/18	
	Normal		
	1.1 one grey top tube		

Total Tasks 8

<u>Inv #</u>	<u>Exp</u>
Amp 19	3/19
Barbs 18	7/19
BZ 9	5/19
Be 5	5/19
THC 7	5/19
CAR 18	5/19
Meth 19	9/19
Meth 6	5/19
OPI 5	4/19
PEP 2	8/19
Zol 14	4/19
Oxy 13B	3/19

Blank: E 32118 exp. 11/30/18 PBS: 180919-PBS7 c. 3/19/19

Mixed Exp
Neg 180830B-MWZ/24/19 pipettes: 235D, 0409, 8932

Cal 180924B-MXC 3/19/19
Pos 180830B-MXP 2/24/19

Oxy
Neg 180925B-Q-5 3/19/19
Cal 180924B-C-10 3/19/19
Pos 180925B-Q-20 3/19/19

*Verifying PBS (lot: 181029 -PBS7 e. 4/29/19)



EIA_20181030B_ASG PBS:180919-PBS7 Pipettes: 8932, 235D, 0409 Verifying PBS

ID	209	210	214	206	205	231	232	211	207
1 Blank-1	X	X	X	X	X	X	X	X	X
2 Blank-2	X	X	X	X	X	X	X	X	X
3 Negative-1	X	X	X	X	X	X	X	X	X
4 Negative-2	X	X	X	X	X	X	X	X	X
5 Calibrator-1	X	X	X	X	X	X	X	X	X
6 Calibrator-2	X	X	X	X	X	X	X	X	X
7 Positive-1	X	X	X	X	X	X	X	X	X
8 Positive-2	X	X	X	X	X	X	X	X	X
9 01_2018-12750_1/1	X	X	X	X	X	X	X	X	X
10 02_2018-12823_1/1	X	X	X	X	X	X	X	X	X
11 03_2018-12817_1/1	X	X	X	X	X	X	X	X	X
12 04_2018-12829_1/1	X	X	X	X	X	X	X	X	X
13 05_2018-12821_1/1	X	X	X	X	X	X	X	X	X
14 06_2018-12822_1/1	X	X	X	X	X	X	X	X	X
15 07_2018-12826_1/1	X	X	X	X	X	X	X	X	X
16 08_2018-12828_1/1	X	X	X	X	X	X	X	X	X
17 09_181029-PBS7	X	X	X	X	X	X	X	X	X
18 10_181029-PBS7	X	X	X	X	X	X	X	X	X
19 Positive-3	X	X	X	X	X	X	X	X	X

Sequence verified
AK103018

AS

EIA_20181030B_ASG PBS:180919-PBS7 Pipettes: 8932, 235D,0409 Verifying PBS

ID	208	233
1 Blank-1	X	X
2 Blank-2	X	X
3 Negative-1	X	X
4 Negative-2	X	X
5 Calibrator-1	X	X
6 Calibrator-2	X	X
7 Positive-1	X	X
8 Positive-2	X	X
9 01_2018-12750_1/1	X	X
10 02_2018-12823_1/1	X	X
11 03_2018-12817_1/1	X	X
12 04_2018-12829_1/1	X	X
13 05_2018-12821_1/1	X	X
14 06_2018-12822_1/1	X	X
15 07_2018-12826_1/1	X	X
16 08_2018-12828_1/1	X	X
17 09_181029-PBS7	X	X
18 10_181029-PBS7	X	X
19 Positive-3	X	X

Tuesday, October 30, 2018 12:38:55 PM

Houston

Forensic Science Center Page 1 of 1

EIA_20181030B_ASG2 PBS:180919-PBS7 Pipettes: 8932, 235D,0409 Verifying PBS

	ID	222
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_2018-12750_1/1	X
10	02_2018-12823_1/1	X
11	03_2018-12817_1/1	X
12	04_2018-12829_1/1	X
13	05_2018-12821_1/1	X
14	06_2018-12822_1/1	X
15	07_2018-12826_1/1	X
16	08_2018-12828_1/1	X
17	09_181029-PBS7	X
18	10_181029-PBS7	X
19	Positive-3	X

SEQUENCE VERIFIED.
10/30/18
DM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **01_2018-12750_1/1**
 Batch Name: **EIA_20181030B_ASG**
 Batch Name: **EIA_20181030B_ASG2** Matrix: **Blood**

CONTROL ID:	Amphetamine			Barbiturates			Benzodiazepines			Cocaine/Metabolites			Cannabinoids			Carisoprodol		
	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean
Blank-1	0 ng/mL	3.389	3.414	0 ng/mL	2.5	2.5	0 ng/mL	2.2	2.253	0 ng/mL	2.338	2.365	0 ng/mL	2.413	2.503	0 ng/mL	3.186	3.187
Blank-2		3.44		10/31/18 2.5				2.307			2.392			2.593			3.188	
Negative-1	10 ng/mL	3.063	3.041	10 ng/mL	1.395	1.365	10 ng/mL	1.565	1.568	10 ng/mL	1.275	1.233	2.5 ng/mL	2.198	2.172	100 ng/mL	2.21	2.186
Negative-2		3.02			1.336			1.572			1.192			2.146			2.163	
Calibrator-1	20 ng/mL	2.422	2.377	50 ng/mL	0.966	0.944	20 ng/mL	1.207	1.179	20 ng/mL	1.123	1.126	5 ng/mL	1.669	1.669	500 ng/mL	1.336	1.331
Calibrator-2		2.332			0.922			1.152			1.129			1.67			1.326	
Positive-1	40 ng/mL	1.852	1.865	100 ng/mL	0.824	0.861	40 ng/mL	0.958	0.915	40 ng/mL	0.959	0.955	20 ng/mL	0.82	0.84	1000 ng/mL	1.066	1.051
Positive-2		1.878			0.899			0.873			0.952			0.86			1.037	
Positive-3		1.928	1.928		0.797	0.797		0.926	0.926		1.11	1.11		0.867	0.867		0.973	0.973

CASE DATA:

Raw Data:	3.072	2.549	2.302	2.069	2.28	3.121
RESULT:	neg	neg	neg	neg	neg	neg

Reviewed by: eur 10/31/18

Report Date: 10/31/2018 11:24:54 AM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

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

Instrument: **TECAN-2**

Forensic Case Number: **01_2018-12750_1/1**

Batch Name: **EIA_20181030B_ASG**

Batch Name: **EIA_20181030B_ASG2**

Matrix: **Blood**

CONTROL ID:	Methadone			Methamphetamine			Opiates			Phencyclidine			Zolpidem			Oxycodone		
	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.391	2.366	0 ng/mL	2.774	2.770	0 ng/mL	3.012	3.066	0 ng/mL	2.473	2.432	0 ng/mL	3.086	3.088	0 ng/mL	2.945	2.922
Blank-2		2.342			2.767			3.121			2.391			3.09			2.899	
Negative-1	12.5 ng/mL	1.185	1.168	10 ng/mL	1.678	1.704	10 ng/mL	1.976	1.866	5 ng/mL	1.058	1.034	2.5 ng/mL	2.016	2.058	5 ng/mL	1.118	1.100
Negative-2		1.151			1.731			1.756			1.01			2.1			1.083	
Calibrator-1	25 ng/mL	0.704	0.731	20 ng/mL	1.359	1.340	20 ng/mL	1.293	1.256	10 ng/mL	0.651	0.685	10 ng/mL	1.445	1.468	10 ng/mL	0.606	0.604
Calibrator-2		0.759			1.322			1.219			0.72			1.492			0.603	
Positive-1	50 ng/mL	0.5	0.479	40 ng/mL	1.094	1.131	40 ng/mL	0.981	0.995	20 ng/mL	0.544	0.558	20 ng/mL	1.458	1.405	20 ng/mL	0.354	0.344
Positive-2		0.459			1.168			1.009			0.573			1.353			0.334	
Positive-3		0.485	0.485		1.008	1.008		1.015	1.015		0.523	0.523		1.398	1.398		0.331	0.331

CASE DATA:

Raw Data:	2.115	2.627	3.111	2.419	3.187	2.871
RESULT:	neg	neg	neg	neg	neg	neg

Reviewed by: *EMC* 10/31/18

Report Date: 10/31/2018 11:24:54 AM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

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

Instrument: **TECAN-2**

Forensic Case Number: **02_2018-12823_1/1**

Batch Name: **EIA_20181030B_ASG**

Batch Name: **EIA_20181030B_ASG2**

Matrix: **Blood**

CONTROL ID:	Amphetamine			Barbiturates			Benzodiazepines			Cocaine/Metabolites			Cannabinoids			Carisoprodol		
	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean
Blank-1	0 ng/mL	3.389	3.414	0 ng/mL	2.5	2.5	0 ng/mL	2.2	2.253	0 ng/mL	2.338	2.365	0 ng/mL	2.413	2.503	0 ng/mL	3.186	3.187
Blank-2		3.44		<i>AV</i> 10/31/18 2.5	2.5			2.307			2.392			2.593			3.188	
Negative-1	10 ng/mL	3.063	3.041	10 ng/mL	1.395	1.365	10 ng/mL	1.565	1.568	10 ng/mL	1.275	1.233	2.5 ng/mL	2.198	2.172	100 ng/mL	2.21	2.186
Negative-2		3.02			1.336			1.572			1.192			2.146			2.163	
Calibrator-1	20 ng/mL	2.422	2.377	50 ng/mL	0.966	0.944	20 ng/mL	1.207	1.179	20 ng/mL	1.123	1.126	5 ng/mL	1.669	1.669	500 ng/mL	1.336	1.331
Calibrator-2		2.332			0.922			1.152			1.129			1.67			1.326	
Positive-1	40 ng/mL	1.852	1.865	100 ng/mL	0.824	0.861	40 ng/mL	0.958	0.915	40 ng/mL	0.959	0.955	20 ng/mL	0.82	0.84	1000 ng/mL	1.066	1.051
Positive-2		1.878			0.899			0.873			0.952			0.86			1.037	
Positive-3		1.928	1.928		0.797	0.797		0.926	0.926		1.11	1.11		0.867	0.867		0.973	0.973

CASE DATA:

Raw Data:	3.495	2.524	0.09	2.081	2.398	3.062
RESULT:	neg	neg	POS	neg	neg	neg

Reviewed by: *EM* 10/31/18

Report Date: 10/31/2018 11:24:54 AM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

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

Instrument: **TECAN-2**

Forensic Case Number: **02_2018-12823_1/1**

Batch Name: **EIA_20181030B_ASG**

Batch Name: **EIA_20181030B_ASG2**

Matrix: **Blood**

CONTROL ID:	Methadone			Methamphetamine			Opiates			Phencyclidine			Zolpidem			Oxycodone		
	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.391	2.366	0 ng/mL	2.774	2.770	0 ng/mL	3.012	3.066	0 ng/mL	2.473	2.432	0 ng/mL	3.086	3.088	0 ng/mL	2.945	2.922
Blank-2		2.342			2.767			3.121			2.391			3.09			2.899	
Negative-1	12.5 ng/mL	1.185	1.168	10 ng/mL	1.678	1.704	10 ng/mL	1.976	1.866	5 ng/mL	1.058	1.034	2.5 ng/mL	2.016	2.058	5 ng/mL	1.118	1.100
Negative-2		1.151			1.731			1.756			1.01			2.1			1.083	
Calibrator-1	25 ng/mL	0.704	0.731	20 ng/mL	1.359	1.340	20 ng/mL	1.293	1.256	10 ng/mL	0.651	0.685	10 ng/mL	1.445	1.468	10 ng/mL	0.606	0.604
Calibrator-2		0.759			1.322			1.219			0.72			1.492			0.603	
Positive-1	50 ng/mL	0.5	0.479	40 ng/mL	1.094	1.131	40 ng/mL	0.981	0.995	20 ng/mL	0.544	0.558	20 ng/mL	1.458	1.405	20 ng/mL	0.354	0.344
Positive-2		0.459			1.168			1.009			0.573			1.353			0.334	
Positive-3		0.485	0.485		1.008	1.008		1.015	1.015		0.523	0.523		1.398	1.398		0.331	0.331

CASE DATA:

Raw Data:	2.083	1.381	3.009	1.663	3.252	2.53
RESULT:	neg	neg	neg	neg	neg	neg

Reviewed by: *emc* 10/31/18

Report Date: 10/31/2018 11:24:54 AM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **03_2018-12817_1/1**
 Batch Name: **EIA_20181030B_ASG**
 Batch Name: **EIA_20181030B_ASG2** Matrix: **Blood**

CONTROL ID:	Amphetamine			Barbiturates			Benzodiazepines			Cocaine/Metabolites			Cannabinoids			Carisoprodol		
	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean
Blank-1	0 ng/mL	3.389	3.414	0 ng/mL	2.5	2.5	0 ng/mL	2.2	2.253	0 ng/mL	2.338	2.365	0 ng/mL	2.413	2.503	0 ng/mL	3.186	3.187
Blank-2		3.44		<i>MS 10/31/18</i> 2.5				2.307			2.392			2.593			3.188	
Negative-1	10 ng/mL	3.063	3.041	10 ng/mL	1.395	1.365	10 ng/mL	1.565	1.568	10 ng/mL	1.275	1.233	2.5 ng/mL	2.198	2.172	100 ng/mL	2.21	2.186
Negative-2		3.02			1.336			1.572			1.192			2.146			2.163	
Calibrator-1	20 ng/mL	2.422	2.377	50 ng/mL	0.966	0.944	20 ng/mL	1.207	1.179	20 ng/mL	1.123	1.126	5 ng/mL	1.669	1.669	500 ng/mL	1.336	1.331
Calibrator-2		2.332			0.922			1.152			1.129			1.67			1.326	
Positive-1	40 ng/mL	1.852	1.865	100 ng/mL	0.824	0.861	40 ng/mL	0.958	0.915	40 ng/mL	0.959	0.955	20 ng/mL	0.82	0.84	1000 ng/mL	1.066	1.051
Positive-2		1.878			0.899			0.873			0.952			0.86			1.037	
Positive-3		1.928	1.928		0.797	0.797		0.926	0.926		1.11	1.11		0.867	0.867		0.973	0.973

CASE DATA:

Raw Data:	3.532	2.529	2.631	2.056	0.139	0.051
RESULT:	neg	neg	neg	neg	POS	POS

Reviewed by: *ELU* 10/31/18

Report Date: 10/31/2018 11:24:54 AM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **03_2018-12817_1/1**
 Batch Name: **EIA_20181030B_ASG**
 Batch Name: **EIA_20181030B_ASG2** Matrix: **Blood**

CONTROL ID:	Methadone			Methamphetamine			Opiates			Phencyclidine			Zolpidem			Oxycodone		
	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.391	2.366	0 ng/mL	2.774	2.770	0 ng/mL	3.012	3.066	0 ng/mL	2.473	2.432	0 ng/mL	3.086	3.088	0 ng/mL	2.945	2.922
Blank-2		2.342			2.767			3.121			2.391			3.09			2.899	
Negative-1	12.5 ng/mL	1.185	1.168	10 ng/mL	1.678	1.704	10 ng/mL	1.976	1.866	5 ng/mL	1.058	1.034	2.5 ng/mL	2.016	2.058	5 ng/mL	1.118	1.100
Negative-2		1.151			1.731			1.756			1.01			2.1			1.083	
Calibrator-1	25 ng/mL	0.704	0.731	20 ng/mL	1.359	1.340	20 ng/mL	1.293	1.256	10 ng/mL	0.651	0.685	10 ng/mL	1.445	1.468	10 ng/mL	0.606	0.604
Calibrator-2		0.759			1.322			1.219			0.72			1.492			0.603	
Positive-1	50 ng/mL	0.5	0.479	40 ng/mL	1.094	1.131	40 ng/mL	0.981	0.995	20 ng/mL	0.544	0.558	20 ng/mL	1.458	1.405	20 ng/mL	0.354	0.344
Positive-2		0.459			1.168			1.009			0.573			1.353			0.334	
Positive-3		0.485	0.485		1.008	1.008		1.015	1.015		0.523	0.523		1.398	1.398		0.331	0.331

CASE DATA:

Raw Data:	2.061	2.575	0.144	2.331	3.288	0.93
RESULT:	neg	neg	POS	neg	neg	neg

Reviewed by: *EM* 10/31/18

Report Date: 10/31/2018 11:24:54 AM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **04_2018-12829_1/1**
 Batch Name: **EIA_20181030B_ASG**
 Batch Name: **EIA_20181030B_ASG2** Matrix: **Blood**

CONTROL ID:	Amphetamine			Barbiturates			Benzodiazepines			Cocaine/Metabolites			Cannabinoids			Carisoprodol		
	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean
Blank-1	0 ng/mL	3.389	3.414	0 ng/mL	2.5	2.5	0 ng/mL	2.2	2.253	0 ng/mL	2.338	2.365	0 ng/mL	2.413	2.503	0 ng/mL	3.186	3.187
Blank-2		3.44		^{ADP} 10/31/18 2.5	2.5			2.307			2.392			2.593			3.188	
Negative-1	10 ng/mL	3.063	3.041	10 ng/mL	1.395	1.365	10 ng/mL	1.565	1.568	10 ng/mL	1.275	1.233	2.5 ng/mL	2.198	2.172	100 ng/mL	2.21	2.186
Negative-2		3.02			1.336			1.572			1.192			2.146			2.163	
Calibrator-1	20 ng/mL	2.422	2.377	50 ng/mL	0.966	0.944	20 ng/mL	1.207	1.179	20 ng/mL	1.123	1.126	5 ng/mL	1.669	1.669	500 ng/mL	1.336	1.331
Calibrator-2		2.332			0.922			1.152			1.129			1.67			1.326	
Positive-1	40 ng/mL	1.852	1.865	100 ng/mL	0.824	0.861	40 ng/mL	0.958	0.915	40 ng/mL	0.959	0.955	20 ng/mL	0.82	0.84	1000 ng/mL	1.066	1.051
Positive-2		1.878			0.899			0.873			0.952			0.86			1.037	
Positive-3		1.928	1.928		0.797	0.797		0.926	0.926		1.11	1.11		0.867	0.867		0.973	0.973

CASE DATA:

Raw Data:	3.489	2.488	2.586	0.151	0.098	3.079
RESULT:	neg	neg	neg	POS	POS	neg

Reviewed by: *eu* 10/31/18

Report Date: 10/31/2018 11:24:54 AM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **04_2018-12829_1/1**
 Batch Name: **EIA_20181030B_ASG**
 Batch Name: **EIA_20181030B_ASG2** Matrix: **Blood**

CONTROL ID:	Methadone			Methamphetamine			Opiates			Phencyclidine			Zolpidem			Oxycodone		
	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.391	2.366	0 ng/mL	2.774	2.770	0 ng/mL	3.012	3.066	0 ng/mL	2.473	2.432	0 ng/mL	3.086	3.088	0 ng/mL	2.945	2.922
Blank-2		2.342			2.767			3.121			2.391			3.09			2.899	
Negative-1	12.5 ng/mL	1.185	1.168	10 ng/mL	1.678	1.704	10 ng/mL	1.976	1.866	5 ng/mL	1.058	1.034	2.5 ng/mL	2.016	2.058	5 ng/mL	1.118	1.100
Negative-2		1.151			1.731			1.756			1.01			2.1			1.083	
Calibrator-1	25 ng/mL	0.704	0.731	20 ng/mL	1.359	1.340	20 ng/mL	1.293	1.256	10 ng/mL	0.651	0.685	10 ng/mL	1.445	1.468	10 ng/mL	0.606	0.604
Calibrator-2		0.759			1.322			1.219			0.72			1.492			0.603	
Positive-1	50 ng/mL	0.5	0.479	40 ng/mL	1.094	1.131	40 ng/mL	0.981	0.995	20 ng/mL	0.544	0.558	20 ng/mL	1.458	1.405	20 ng/mL	0.354	0.344
Positive-2		0.459			1.168			1.009			0.573			1.353			0.334	
Positive-3		0.485	0.485		1.008	1.008		1.015	1.015		0.523	0.523		1.398	1.398		0.331	0.331

CASE DATA:

Raw Data:	2.216	2.689	3.104	2.332	3.229	2.86
RESULT:	neg	neg	neg	neg	neg	neg

Reviewed by: *EM* 10/31/18

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **05_2018-12821_1/1**

Batch Name: **EIA_20181030B_ASG**

Batch Name: **EIA_20181030B_ASG2**

Matrix: **Blood**

CONTROL ID:	Amphetamine			Barbiturates			Benzodiazepines			Cocaine/Metabolites			Cannabinoids			Carisoprodol		
	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean
Blank-1	0 ng/mL	3.389	3.414	0 ng/mL	2.5	2.5	0 ng/mL	2.2	2.253	0 ng/mL	2.338	2.365	0 ng/mL	2.413	2.503	0 ng/mL	3.186	3.187
Blank-2		3.44		ADP 10/31/18 2.5				2.307			2.392			2.593			3.188	
Negative-1	10 ng/mL	3.063	3.041	10 ng/mL	1.395	1.365	10 ng/mL	1.565	1.568	10 ng/mL	1.275	1.233	2.5 ng/mL	2.198	2.172	100 ng/mL	2.21	2.186
Negative-2		3.02			1.336			1.572			1.192			2.146			2.163	
Calibrator-1	20 ng/mL	2.422	2.377	50 ng/mL	0.966	0.944	20 ng/mL	1.207	1.179	20 ng/mL	1.123	1.126	5 ng/mL	1.669	1.669	500 ng/mL	1.336	1.331
Calibrator-2		2.332			0.922			1.152			1.129			1.67			1.326	
Positive-1	40 ng/mL	1.852	1.865	100 ng/mL	0.824	0.861	40 ng/mL	0.958	0.915	40 ng/mL	0.959	0.955	20 ng/mL	0.82	0.84	1000 ng/mL	1.066	1.051
Positive-2		1.878			0.899			0.873			0.952			0.86			1.037	
Positive-3		1.928	1.928		0.797	0.797		0.926	0.926		1.11	1.11		0.867	0.867		0.973	0.973

CASE DATA:

Raw Data:	3.468	2.445	2.695	1.742	0.17	3.025
RESULT:	neg	neg	neg	neg	POS	neg

Reviewed by: *ELK* 10/31/18

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **05_2018-12821_1/1**

Batch Name: **EIA_20181030B_ASG**

Batch Name: **EIA_20181030B_ASG2**

Matrix: **Blood**

CONTROL ID:	Methadone			Methamphetamine			Opiates			Phencyclidine			Zolpidem			Oxycodone		
	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.391	2.366	0 ng/mL	2.774	2.770	0 ng/mL	3.012	3.066	0 ng/mL	2.473	2.432	0 ng/mL	3.086	3.088	0 ng/mL	2.945	2.922
Blank-2		2.342			2.767			3.121			2.391			3.09			2.899	
Negative-1	12.5 ng/mL	1.185	1.168	10 ng/mL	1.678	1.704	10 ng/mL	1.976	1.866	5 ng/mL	1.058	1.034	2.5 ng/mL	2.016	2.058	5 ng/mL	1.118	1.100
Negative-2		1.151			1.731			1.756			1.01			2.1			1.083	
Calibrator-1	25 ng/mL	0.704	0.731	20 ng/mL	1.359	1.340	20 ng/mL	1.293	1.256	10 ng/mL	0.651	0.685	10 ng/mL	1.445	1.468	10 ng/mL	0.606	0.604
Calibrator-2		0.759			1.322			1.219			0.72			1.492			0.603	
Positive-1	50 ng/mL	0.5	0.479	40 ng/mL	1.094	1.131	40 ng/mL	0.981	0.995	20 ng/mL	0.544	0.558	20 ng/mL	1.458	1.405	20 ng/mL	0.354	0.344
Positive-2		0.459			1.168			1.009			0.573			1.353			0.334	
Positive-3		0.485	0.485		1.008	1.008		1.015	1.015		0.523	0.523		1.398	1.398		0.331	0.331

CASE DATA:

Raw Data:	2.13	2.497	3.087	2.341	3.26	2.846
RESULT:	neg	neg	neg	neg	neg	neg

Reviewed by: *EMC* 10/31/18

Report Date: 10/31/2018 11:24:54 AM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **06_2018-12822_1/1**
 Batch Name: **EIA_20181030B_ASG**
 Batch Name: **EIA_20181030B_ASG2** Matrix: **Blood**

CONTROL ID:	Amphetamine			Barbiturates			Benzodiazepines			Cocaine/Metabolites			Cannabinoids			Carisoprodol		
	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean
Blank-1	0 ng/mL	3.389	3.414	0 ng/mL	2.5	2.5	0 ng/mL	2.2	2.253	0 ng/mL	2.338	2.365	0 ng/mL	2.413	2.503	0 ng/mL	3.186	3.187
Blank-2		3.44		<i>ATL 10/31/18</i> 2.5				2.307			2.392			2.593			3.188	
Negative-1	10 ng/mL	3.063	3.041	10 ng/mL	1.395	1.365	10 ng/mL	1.565	1.568	10 ng/mL	1.275	1.233	2.5 ng/mL	2.198	2.172	100 ng/mL	2.21	2.186
Negative-2		3.02			1.336			1.572			1.192			2.146			2.163	
Calibrator-1	20 ng/mL	2.422	2.377	50 ng/mL	0.966	0.944	20 ng/mL	1.207	1.179	20 ng/mL	1.123	1.126	5 ng/mL	1.669	1.669	500 ng/mL	1.336	1.331
Calibrator-2		2.332			0.922			1.152			1.129			1.67			1.326	
Positive-1	40 ng/mL	1.852	1.865	100 ng/mL	0.824	0.861	40 ng/mL	0.958	0.915	40 ng/mL	0.959	0.955	20 ng/mL	0.82	0.84	1000 ng/mL	1.066	1.051
Positive-2		1.878			0.899			0.873			0.952			0.86			1.037	
Positive-3		1.928	1.928		0.797	0.797		0.926	0.926		1.11	1.11		0.867	0.867		0.973	0.973

CASE DATA:

Raw Data:	3.448	2.495	0.107	1.843	0.042	3.135
RESULT:	neg	neg	POS	neg	POS	neg

Reviewed by: *ELM* 10/31/18

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **06_2018-12822_1/1**
 Batch Name: **EIA_20181030B_ASG**
 Batch Name: **EIA_20181030B_ASG2** Matrix: **Blood**

CONTROL ID:	Methadone			Methamphetamine			Opiates			Phencyclidine			Zolpidem			Oxycodone		
	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.391	2.366	0 ng/mL	2.774	2.770	0 ng/mL	3.012	3.066	0 ng/mL	2.473	2.432	0 ng/mL	3.086	3.088	0 ng/mL	2.945	2.922
Blank-2		2.342			2.767			3.121			2.391			3.09			2.899	
Negative-1	12.5 ng/mL	1.185	1.168	10 ng/mL	1.678	1.704	10 ng/mL	1.976	1.866	5 ng/mL	1.058	1.034	2.5 ng/mL	2.016	2.058	5 ng/mL	1.118	1.100
Negative-2		1.151			1.731			1.756			1.01			2.1			1.083	
Calibrator-1	26 ng/mL	0.704	0.731	20 ng/mL	1.359	1.340	20 ng/mL	1.293	1.256	10 ng/mL	0.651	0.685	10 ng/mL	1.445	1.468	10 ng/mL	0.606	0.604
Calibrator-2		0.759			1.322			1.219			0.72			1.492			0.603	
Positive-1	50 ng/mL	0.5	0.479	40 ng/mL	1.094	1.131	40 ng/mL	0.981	0.995	20 ng/mL	0.544	0.558	20 ng/mL	1.458	1.405	20 ng/mL	0.354	0.344
Positive-2		0.459			1.168			1.009			0.573			1.353			0.334	
Positive-3		0.485	0.485		1.008	1.008		1.015	1.015		0.523	0.523		1.398	1.398		0.331	0.331

CASE DATA:

Raw Data:	2.329	1.998	3.098	2.353	3.204	2.655
RESULT:	neg	neg	neg	neg	neg	neg

Reviewed by: *AWC* 10/31/18

Report Date: 10/31/2018 11:24:54 AM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **07_2018-12826_1/1**
 Batch Name: **EIA_20181030B_ASG**
 Batch Name: **EIA_20181030B_ASG2** Matrix: **Blood**

CONTROL ID:	Amphetamine			Barbiturates			Benzodiazepines			Cocaine/Metabolites			Cannabinoids			Carisoprodol		
	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean
Blank-1	0 ng/mL	3.389	3.414	0 ng/mL	2.5	2.5	0 ng/mL	2.2	2.253	0 ng/mL	2.338	2.365	0 ng/mL	2.413	2.503	0 ng/mL	3.186	3.187
Blank-2		3.44		<i>ADP 1-13/1/18</i> 0 ng/mL	<i>2.5</i>			2.307			2.392			2.593			3.188	
Negative-1	10 ng/mL	3.063	3.041	10 ng/mL	1.395	1.365	10 ng/mL	1.565	1.568	10 ng/mL	1.275	1.233	2.5 ng/mL	2.198	2.172	100 ng/mL	2.21	2.186
Negative-2		3.02			1.336			1.572			1.192			2.146			2.163	
Calibrator-1	20 ng/mL	2.422	2.377	50 ng/mL	0.966	0.944	20 ng/mL	1.207	1.179	20 ng/mL	1.123	1.126	5 ng/mL	1.669	1.669	500 ng/mL	1.336	1.331
Calibrator-2		2.332			0.922			1.152			1.129			1.67			1.326	
Positive-1	40 ng/mL	1.852	1.865	100 ng/mL	0.824	0.861	40 ng/mL	0.958	0.915	40 ng/mL	0.959	0.955	20 ng/mL	0.82	0.84	1000 ng/mL	1.066	1.051
Positive-2		1.878			0.899			0.873			0.952			0.86			1.037	
Positive-3		1.928	1.928		0.797	0.797		0.926	0.926		1.11	1.11		0.867	0.867		0.973	0.973

CASE DATA:

Raw Data:	3.448	2.504	2.524	0.127	2.331	3.054
RESULT:	neg	neg	neg	POS	neg	neg

Reviewed by: *EM 10/31/18*

Report Date: 10/31/2018 11:24:54 AM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **07_2018-12826_1/1**
 Batch Name: **EIA_20181030B_ASG**
 Batch Name: **EIA_20181030B_ASG2** Matrix: **Blood**

CONTROL ID:	Methadone			Methamphetamine			Opiates			Phencyclidine			Zolpidem			Oxycodone		
	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.391	2.366	0 ng/mL	2.774	2.770	0 ng/mL	3.012	3.066	0 ng/mL	2.473	2.432	0 ng/mL	3.086	3.088	0 ng/mL	2.945	2.922
Blank-2		2.342			2.767			3.121			2.391			3.09			2.899	
Negative-1	12.5 ng/mL	1.185	1.168	10 ng/mL	1.678	1.704	10 ng/mL	1.976	1.866	5 ng/mL	1.058	1.034	2.5 ng/mL	2.016	2.058	5 ng/mL	1.118	1.100
Negative-2		1.151			1.731			1.756			1.01			2.1			1.083	
Calibrator-1	25 ng/mL	0.704	0.731	20 ng/mL	1.359	1.340	20 ng/mL	1.293	1.256	10 ng/mL	0.651	0.685	10 ng/mL	1.445	1.468	10 ng/mL	0.606	0.604
Calibrator-2		0.759			1.322			1.219			0.72			1.492			0.603	
Positive-1	50 ng/mL	0.5	0.479	40 ng/mL	1.094	1.131	40 ng/mL	0.981	0.995	20 ng/mL	0.544	0.558	20 ng/mL	1.458	1.405	20 ng/mL	0.354	0.344
Positive-2		0.459			1.168			1.009			0.573			1.353			0.334	
Positive-3		0.485	0.485		1.008	1.008		1.015	1.015		0.523	0.523		1.398	1.398		0.331	0.331

CASE DATA:

Raw Data:	2.093	2.546	3.043	2.426	3.33	2.784
RESULT:	neg	neg	neg	neg	neg	neg

Reviewed by: *emc* 10/31/18

Report Date: 10/31/2018 11:24:54 AM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **08_2018-12828_1/1**
 Batch Name: **EIA_20181030B_ASG**
 Batch Name: **EIA_20181030B_ASG2** Matrix: **Blood**

CONTROL ID:	Amphetamine			Barbiturates			Benzodiazepines			Cocaine/Metabolites			Cannabinoids			Carisoprodol		
	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean
Blank-1	0 ng/mL	3.389	3.414	0 ng/mL	2.5	2.5	0 ng/mL	2.2	2.253	0 ng/mL	2.338	2.365	0 ng/mL	2.413	2.503	0 ng/mL	3.186	3.187
Blank-2		3.44		10 ng/mL 2.5				2.307			2.392			2.593			3.188	
Negative-1	10 ng/mL	3.063	3.041	10 ng/mL	1.395	1.365	10 ng/mL	1.565	1.568	10 ng/mL	1.275	1.233	2.5 ng/mL	2.198	2.172	100 ng/mL	2.21	2.186
Negative-2		3.02			1.336			1.572			1.192			2.146			2.163	
Calibrator-1	20 ng/mL	2.422	2.377	50 ng/mL	0.966	0.944	20 ng/mL	1.207	1.179	20 ng/mL	1.123	1.126	5 ng/mL	1.669	1.669	500 ng/mL	1.336	1.331
Calibrator-2		2.332			0.922			1.152			1.129			1.67			1.326	
Positive-1	40 ng/mL	1.852	1.865	100 ng/mL	0.824	0.861	40 ng/mL	0.958	0.915	40 ng/mL	0.959	0.955	20 ng/mL	0.82	0.84	1000 ng/mL	1.066	1.051
Positive-2		1.878			0.899			0.873			0.952			0.86			1.037	
Positive-3		1.928	1.928		0.797	0.797		0.926	0.926		1.11	1.11		0.867	0.867		0.973	0.973

CASE DATA:

Raw Data:	3.032	2.531	0.11	2.019	1.438	2.985
RESULT:	neg	neg	POS	neg	POS	neg

Reviewed by: *EM* 10/31/18

Report Date: 10/31/2018 11:24:54 AM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **08_2018-12828_1/1**
 Batch Name: **EIA_20181030B_ASG**
 Batch Name: **EIA_20181030B_ASG2** Matrix: **Blood**

CONTROL ID:	Methadone			Methamphetamine			Opiates			Phencyclidine			Zolpidem			Oxycodone		
	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.391	2.366	0 ng/mL	2.774	2.770	0 ng/mL	3.012	3.066	0 ng/mL	2.473	2.432	0 ng/mL	3.086	3.088	0 ng/mL	2.945	2.922
Blank-2		2.342			2.767			3.121			2.391			3.09			2.899	
Negative-1	12.5 ng/mL	1.185	1.168	10 ng/mL	1.678	1.704	10 ng/mL	1.976	1.866	5 ng/mL	1.058	1.034	2.5 ng/mL	2.016	2.058	5 ng/mL	1.118	1.100
Negative-2		1.151			1.731			1.756			1.01			2.1			1.083	
Calibrator-1	25 ng/mL	0.704	0.731	20 ng/mL	1.359	1.340	20 ng/mL	1.293	1.256	10 ng/mL	0.651	0.685	10 ng/mL	1.445	1.468	10 ng/mL	0.606	0.604
Calibrator-2		0.759			1.322			1.219			0.72			1.492			0.603	
Positive-1	50 ng/mL	0.5	0.479	40 ng/mL	1.094	1.131	40 ng/mL	0.981	0.995	20 ng/mL	0.544	0.558	20 ng/mL	1.458	1.405	20 ng/mL	0.354	0.344
Positive-2		0.459			1.168			1.009			0.573			1.353			0.334	
Positive-3		0.485	0.485		1.008	1.008		1.015	1.015		0.523	0.523		1.398	1.398		0.331	0.331

CASE DATA:

Raw Data:	0.167	0.414	3.026	2.481	3.329	2.736
RESULT:	POS	POS	neg	neg	neg	neg

Reviewed by: *em* 10/31/18

Report Date: 10/31/2018 11:24:54 AM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **09_181029-PBS7**
 Batch Name: **EIA_20181030B_ASG**
 Batch Name: **EIA_20181030B_ASG2** Matrix: **Blood**

CONTROL ID:	Amphetamine			Barbiturates			Benzodiazepines			Cocaine/Metabolites			Cannabinoids			Carisoprodol		
	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean
Blank-1	0 ng/mL	3.389	3.414	0 ng/mL	2.5	2.5	0 ng/mL	2.2	2.253	0 ng/mL	2.338	2.365	0 ng/mL	2.413	2.503	0 ng/mL	3.186	3.187
Blank-2		3.44		ASG 10/31/18 2.5				2.307			2.392			2.593			3.188	
Negative-1	10 ng/mL	3.063	3.041	10 ng/mL	1.395	1.365	10 ng/mL	1.565	1.568	10 ng/mL	1.275	1.233	2.5 ng/mL	2.198	2.172	100 ng/mL	2.21	2.186
Negative-2		3.02			1.336			1.572			1.192			2.146			2.163	
Calibrator-1	20 ng/mL	2.422	2.377	50 ng/mL	0.966	0.944	20 ng/mL	1.207	1.179	20 ng/mL	1.123	1.126	5 ng/mL	1.669	1.669	500 ng/mL	1.336	1.331
Calibrator-2		2.332			0.922			1.152			1.129			1.67			1.326	
Positive-1	40 ng/mL	1.852	1.865	100 ng/mL	0.824	0.861	40 ng/mL	0.958	0.915	40 ng/mL	0.959	0.955	20 ng/mL	0.82	0.84	1000 ng/mL	1.066	1.051
Positive-2		1.878			0.899			0.873			0.952			0.86			1.037	
Positive-3		1.928	1.928		0.797	0.797		0.926	0.926		1.11	1.11		0.867	0.867		0.973	0.973

CASE DATA:

Raw Data:	3.573	2.463	2.263	2.398	2.598	3.28
RESULT:	neg	neg	neg	neg	neg	neg

Reviewed by: *EMC 10/31/18*

Report Date: 10/31/2018 11:24:54 AM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **09_181029-PBS7**
 Batch Name: **EIA_20181030B_ASG**
 Batch Name: **EIA_20181030B_ASG2** Matrix: **Blood**

CONTROL ID:	Methadone			Methamphetamine			Opiates			Phencyclidine			Zolpidem			Oxycodone		
	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.391	2.366	0 ng/mL	2.774	2.770	0 ng/mL	3.012	3.066	0 ng/mL	2.473	2.432	0 ng/mL	3.086	3.088	0 ng/mL	2.945	2.922
Blank-2		2.342			2.767			3.121			2.391			3.09			2.899	
Negative-1	12.5 ng/mL	1.185	1.168	10 ng/mL	1.678	1.704	10 ng/mL	1.976	1.866	5 ng/mL	1.058	1.034	2.5 ng/mL	2.016	2.058	5 ng/mL	1.118	1.100
Negative-2		1.151			1.731			1.756			1.01			2.1			1.083	
Calibrator-1	25 ng/mL	0.704	0.731	20 ng/mL	1.359	1.340	20 ng/mL	1.293	1.256	10 ng/mL	0.651	0.685	10 ng/mL	1.445	1.468	10 ng/mL	0.606	0.604
Calibrator-2		0.759			1.322			1.219			0.72			1.492			0.603	
Positive-1	50 ng/mL	0.5	0.479	40 ng/mL	1.094	1.131	40 ng/mL	0.981	0.995	20 ng/mL	0.544	0.558	20 ng/mL	1.458	1.405	20 ng/mL	0.354	0.344
Positive-2		0.459			1.168			1.009			0.573			1.353			0.334	
Positive-3		0.485	0.485		1.008	1.008		1.015	1.015		0.523	0.523		1.398	1.398		0.331	0.331

CASE DATA:

Raw Data:	2.681	2.631	3.014	2.481	3.34	3.021
RESULT:	neg	neg	neg	neg	neg	neg

Reviewed by: EM 10/31/18

Report Date: 10/31/2018 11:24:54 AM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **10_181029-PBS7**
 Batch Name: **EIA_20181030B_ASG**
 Batch Name: **EIA_20181030B_ASG2** Matrix: **Blood**

CONTROL ID:	Amphetamine			Barbiturates			Benzodiazepines			Cocaine/Metabolites			Cannabinoids			Carisoprodol		
	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean
Blank-1	0 ng/mL	3.389	3.414	0 ng/mL	2.5	2.5	0 ng/mL	2.2	2.253	0 ng/mL	2.338	2.365	0 ng/mL	2.413	2.503	0 ng/mL	3.186	3.187
Blank-2		3.44		<i>AMT 10/31/18</i> 0 ng/mL	2.5			2.307			2.392			2.593			3.188	
Negative-1	10 ng/mL	3.063	3.041	10 ng/mL	1.395	1.365	10 ng/mL	1.565	1.568	10 ng/mL	1.275	1.233	2.5 ng/mL	2.198	2.172	100 ng/mL	2.21	2.186
Negative-2		3.02			1.336			1.572			1.192			2.146			2.163	
Calibrator-1	20 ng/mL	2.422	2.377	50 ng/mL	0.966	0.944	20 ng/mL	1.207	1.179	20 ng/mL	1.123	1.126	5 ng/mL	1.669	1.669	500 ng/mL	1.336	1.331
Calibrator-2		2.332			0.922			1.152			1.129			1.67			1.326	
Positive-1	40 ng/mL	1.852	1.865	100 ng/mL	0.824	0.861	40 ng/mL	0.958	0.915	40 ng/mL	0.959	0.955	20 ng/mL	0.82	0.84	1000 ng/mL	1.066	1.051
Positive-2		1.878			0.899			0.873			0.952			0.86			1.037	
Positive-3		1.928	1.928		0.797	0.797		0.926	0.926		1.11	1.11		0.867	0.867		0.973	0.973

CASE DATA:

Raw Data:	3.512	2.477	2.316	2.255	2.626	3.229
RESULT:	neg	neg	neg	neg	neg	neg

Reviewed by: *ene 10/31/18*

Report Date: 10/31/2018 11:24:54 AM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **10_181029-PBS7**
 Batch Name: **EIA_20181030B_ASG**
 Batch Name: **EIA_20181030B_ASG2** Matrix: **Blood**

CONTROL ID:	Methadone			Methamphetamine			Opiates			Phencyclidine			Zolpidem			Oxycodone		
	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.391	2.366	0 ng/mL	2.774	2.770	0 ng/mL	3.012	3.066	0 ng/mL	2.473	2.432	0 ng/mL	3.086	3.088	0 ng/mL	2.945	2.922
Blank-2		2.342			2.767			3.121			2.391			3.09			2.899	
Negative-1	12.5 ng/mL	1.185	1.168	10 ng/mL	1.678	1.704	10 ng/mL	1.976	1.866	5 ng/mL	1.058	1.034	2.5 ng/mL	2.016	2.058	5 ng/mL	1.118	1.100
Negative-2		1.151			1.731			1.756			1.01			2.1			1.083	
Calibrator-1	25 ng/mL	0.704	0.731	20 ng/mL	1.359	1.340	20 ng/mL	1.293	1.256	10 ng/mL	0.651	0.685	10 ng/mL	1.445	1.468	10 ng/mL	0.606	0.604
Calibrator-2		0.759			1.322			1.219			0.72			1.492			0.603	
Positive-1	50 ng/mL	0.5	0.479	40 ng/mL	1.094	1.131	40 ng/mL	0.981	0.995	20 ng/mL	0.544	0.558	20 ng/mL	1.458	1.405	20 ng/mL	0.354	0.344
Positive-2		0.459			1.168			1.009			0.573			1.353			0.334	
Positive-3		0.485	0.485		1.008	1.008		1.015	1.015		0.523	0.523		1.398	1.398		0.331	0.331

CASE DATA:

Raw Data:	2.644	2.761	3.249	2.539	3.31	2.948
RESULT:	neg	neg	neg	neg	neg	neg

Reviewed by: *EM* 10/31/18

Report Date: 10/31/2018 11:24:54 AM

QC Validation criteria

Exp. Group Num 1
 QC Validation criteria : Difference data
 NC1>LPC1 --> TRUE
 LPC1>PC1 --> TRUE
 PC1>HPC1 --> TRUE
 Exp. Group Num 2
 Validation criteria : Difference data
 NC2>LPC2 --> TRUE
 LPC2>PC2 --> TRUE
 PC2>HPC2 --> 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	3.389	3.4145	1.0562	99.253	100	
B1	209	Blank-2	3.44			100.75		/
C1	209	Negative-1	3.063	3.0415	0.99969	89.706	89.076	/
D1	209	Negative-2	3.02			88.446		
E1	209	Calibrator-1	2.422	2.377	2.6773	70.933	69.615	/
F1	209	Calibrator-2	2.332			68.297		
G1	209	Positive-1	1.852	1.865	0.98578	54.239	54.62	/
H1	209	Positive-2	1.878			55.001		
A2	209	01_2018-12750_1/1	3.072	3.072		89.969	89.969	neg
B2	209	02_2018-12823_1/1	3.495	3.495		102.36	102.36	neg
C2	209	03_2018-12817_1/1	3.532	3.532		103.44	103.44	neg
D2	209	04_2018-12829_1/1	3.489	3.489		102.18	102.18	neg
E2	209	05_2018-12821_1/1	3.468	3.468		101.57	101.57	neg
F2	209	06_2018-12822_1/1	3.448	3.448		100.98	100.98	neg
G2	209	07_2018-12826_1/1	3.448	3.448		100.98	100.98	neg
H2	209	08_2018-12828_1/1	3.032	3.032		88.798	88.798	neg
A3	209	09_181029-PBS7	3.573	3.573		104.64	104.64	neg

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
B3	209	10_181029-PBS7	3.512	3.512		102.86	102.86	neg
C3	209	Positive-3	1.928	1.928		56.465	56.465	POS
A4	210	Blank-1	2.5	2.5	0	100	100	
B4	210	Blank-2	2.5			100		
C4	210	Negative-1	1.395	1.3655	3.0552	55.8	54.62	
D4	210	Negative-2	1.336			53.44		
E4	210	Calibrator-1	0.966	0.944	3.2958	38.64	37.76	
F4	210	Calibrator-2	0.922			36.88		
G4	210	Positive-1	0.824	0.8615	6.1559	32.96	34.46	
H4	210	Positive-2	0.899			35.96		
A5	210	01_2018-12750_1/1	2.549	2.549		101.96	101.96	neg
B5	210	02_2018-12823_1/1	2.524	2.524		100.96	100.96	neg
C5	210	03_2018-12817_1/1	2.529	2.529		101.16	101.16	neg
D5	210	04_2018-12829_1/1	2.488	2.488		99.52	99.52	neg
E5	210	05_2018-12821_1/1	2.445	2.445		97.8	97.8	neg
F5	210	06_2018-12822_1/1	2.495	2.495		99.8	99.8	neg
G5	210	07_2018-12826_1/1	2.504	2.504		100.16	100.16	neg
H5	210	08_2018-12828_1/1	2.531	2.531		101.24	101.24	neg
A6	210	09_181029-PBS7	2.463	2.463		98.52	98.52	neg
B6	210	10_181029-PBS7	2.477	2.477		99.08	99.08	neg
C6	210	Positive-3	0.797	0.797		31.88	31.88	POS

Barbs

AB

QC Validation criteria

Exp. Group Num 1
 QC Validation criteria : Difference data
 NC1>LPC1 --> TRUE
 LPC1>PC1 --> TRUE
 PC1>HPC1 --> TRUE
 Exp. Group Num 2
 Validation criteria : Difference data
 NC2>LPC2 --> TRUE
 LPC2>PC2 --> TRUE
 PC2>HPC2 --> 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

	1	2	3	4	5	6	7	8
A1	214	Blank-1	2.2	2.2535	3.3575	97.626	100	
B1	214	Blank-2	2.307			102.37		
C1	214	Negative-1	1.565	1.5685	0.31557	69.448	69.603	
D1	214	Negative-2	1.572			69.758		
E1	214	Calibrator-1	1.207	1.1795	3.2972	53.561	52.341	
F1	214	Calibrator-2	1.152			51.12		
G1	214	Positive-1	0.958	0.9155	6.5652	42.512	40.626	
H1	214	Positive-2	0.873			38.74		
A2	214	01_2018-12750_1/1	2.302	2.302		102.15	102.15	neg
B2	214	02_2018-12823_1/1	0.09	0.09		3.9938	3.9938	POS
C2	214	03_2018-12817_1/1	2.631	2.631		116.75	116.75	neg
D2	214	04_2018-12829_1/1	2.586	2.586		114.75	114.75	neg
E2	214	05_2018-12821_1/1	2.695	2.695		119.59	119.59	neg
F2	214	06_2018-12822_1/1	0.107	0.107		4.7482	4.7482	POS
G2	214	07_2018-12826_1/1	2.524	2.524		112	112	neg
H2	214	08_2018-12828_1/1	0.11	0.11		4.8813	4.8813	POS
A3	214	09_181029-PBS7	2.263	2.263		100.42	100.42	neg

BE

ABG

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
B3	214	10_181029-PBS7	2.316	2.316		102.77	102.77	neg
C3	214	Positive-3	0.926	0.926		41.092	41.092	POS
A4	206	Blank-1	2.338	2.365	1.6145	98.858	100	
B4	206	Blank-2	2.392			101.14		
C4	206	Negative-1	1.275	1.2335	4.758	53.911	52.156	
D4	206	Negative-2	1.192			50.402		
E4	206	Calibrator-1	1.123	1.126	0.37679	47.484	47.611	
F4	206	Calibrator-2	1.129			47.738		
G4	206	Positive-1	0.959	0.9555	0.51803	40.55	40.402	
H4	206	Positive-2	0.952			40.254		
A5	206	01_2018-12750_1/1	2.069	2.069		87.484	87.484	neg
B5	206	02_2018-12823_1/1	2.081	2.081		87.992	87.992	neg
C5	206	03_2018-12817_1/1	2.056	2.056		86.934	86.934	neg
D5	206	04_2018-12829_1/1	0.151	0.151		6.3848	6.3848	POS
E5	206	05_2018-12821_1/1	1.742	1.742		73.658	73.658	neg
F5	206	06_2018-12822_1/1	1.843	1.843		77.928	77.928	neg
G5	206	07_2018-12826_1/1	0.127	0.127		5.37	5.37	POS
H5	206	08_2018-12828_1/1	2.019	2.019		85.37	85.37	neg
A6	206	09_181029-PBS7	2.398	2.398		101.4	101.4	neg
B6	206	10_181029-PBS7	2.255	2.255		95.349	95.349	neg
C6	206	Positive-3	1.11	1.11		46.934	46.934	POS

Be

AS6

QC Validation criteria

Exp. Group Num 1

QC Validation criteria : Difference data

NC1>LPC1 --> TRUE

LPC1>PC1 --> TRUE

PC1>HPC1 --> TRUE

Exp. Group Num 2

Validation criteria : Difference data

NC2>LPC2 --> TRUE

LPC2>PC2 --> TRUE

PC2>HPC2 --> 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

	1	2	3	4	5	6	7	8
A1	205	Blank-1	2.413	2.503	5.0851	96.404	100	
B1	205	Blank-2	2.593			103.6		-
C1	205	Negative-1	2.198	2.172	1.6929	87.815	86.776	-
D1	205	Negative-2	2.146			85.737		
E1	205	Calibrator-1	1.669	1.6695	0.042354	66.68	66.7	-
F1	205	Calibrator-2	1.67			66.72		
G1	205	Positive-1	0.82	0.84	3.3672	32.761	33.56	✓
H1	205	Positive-2	0.86			34.359		✓
A2	205	01_2018-12750_1/1	2.28	2.28		91.091	91.091	neg
B2	205	02_2018-12823_1/1	2.398	2.398		95.805	95.805	neg
C2	205	03_2018-12817_1/1	0.139	0.139		5.5533	5.5533	POS
D2	205	04_2018-12829_1/1	0.098	0.098		3.9153	3.9153	POS
E2	205	05_2018-12821_1/1	0.17	0.17		6.7918	6.7918	POS
F2	205	06_2018-12822_1/1	0.042	0.042		1.678	1.678	POS
G2	205	07_2018-12826_1/1	2.331	2.331		93.128	93.128	neg
H2	205	08_2018-12828_1/1	1.438	1.438		57.451	57.451	POS
A3	205	09_181029-PBS7	2.598	2.598		103.8	103.8	neg

AK

AK

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
B3	205	10_181029-PBS7	2.626	2.626		104.91	104.91	neg
C3	205	Positive-3	0.867	0.867		34.638	34.638	POS
A4	231	Blank-1	3.186	3.187	0.044374	99.969	100	-
B4	231	Blank-2	3.188			100.03		
C4	231	Negative-1	2.21	2.1865	1.52	69.344	68.607	-
D4	231	Negative-2	2.163			67.869		
E4	231	Calibrator-1	1.336	1.331	0.53126	41.92	41.763	-
F4	231	Calibrator-2	1.326			41.607		
G4	231	Positive-1	1.066	1.0515	1.9502	33.448	32.993	-
H4	231	Positive-2	1.037			32.538		
A5	231	01_2018-12750_1/1	3.121	3.121		97.929	97.929	neg
B5	231	02_2018-12823_1/1	3.062	3.062		96.078	96.078	neg
C5	231	03_2018-12817_1/1	0.051	0.051		1.6003	1.6003	POS
D5	231	04_2018-12829_1/1	3.079	3.079		96.611	96.611	neg
E5	231	05_2018-12821_1/1	3.025	3.025		94.917	94.917	neg
F5	231	06_2018-12822_1/1	3.135	3.135		98.368	98.368	neg
G5	231	07_2018-12826_1/1	3.054	3.054		95.827	95.827	neg
H5	231	08_2018-12828_1/1	2.985	2.985		93.662	93.662	neg
A6	231	09_181029-PBS7	3.28	3.28		102.92	102.92	neg
B6	231	10_181029-PBS7	3.229	3.229		101.32	101.32	neg
C6	231	Positive-3	0.973	0.973		30.53	30.53	POS

CAR

AL-

QC Validation criteria

Exp. Group Num 1

QC Validation criteria : Difference data

NC1>LPC1 --> TRUE

LPC1>PC1 --> TRUE

PC1>HPC1 --> TRUE

Exp. Group Num 2

Validation criteria : Difference data

NC2>LPC2 --> TRUE

LPC2>PC2 --> TRUE

PC2>HPC2 --> 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

	1	2	3	4	5	6	7	8
A1	232	Blank-1	2.391	2.3665	1.4641	101.04	100	
B1	232	Blank-2	2.342			98.965		
C1	232	Negative-1	1.185	1.168	2.0584	50.074	49.356	
D1	232	Negative-2	1.151			48.637		
E1	232	Calibrator-1	0.704	0.7315	5.3166	29.749	30.911	
F1	232	Calibrator-2	0.759			32.073		
G1	232	Positive-1	0.5	0.4795	6.0462	21.128	20.262	
H1	232	Positive-2	0.459			19.396		
A2	232	01_2018-12750_1/1	2.115	2.115		89.372	89.372	neg
B2	232	02_2018-12823_1/1	2.083	2.083		88.02	88.02	neg
C2	232	03_2018-12817_1/1	2.061	2.061		87.091	87.091	neg
D2	232	04_2018-12829_1/1	2.216	2.216		93.64	93.64	neg
E2	232	05_2018-12821_1/1	2.13	2.13		90.006	90.006	neg
F2	232	06_2018-12822_1/1	2.329	2.329		98.415	98.415	neg
G2	232	07_2018-12826_1/1	2.093	2.093		88.443	88.443	neg
H2	232	08_2018-12828_1/1	0.167	0.167		7.0568	7.0568	POS
A3	232	09_181029-PBS7	2.681	2.681		113.29	113.29	neg

Mtdm

AK

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
B3	232	10_181029-PBS7	2.644	2.644		111.73	111.73	neg
C3	232	Positive-3	0.485	0.485	-	20.494	20.494	POS -
A4	211	Blank-1	2.774	2.7705	0.17866	100.13	100	-
B4	211	Blank-2	2.767			99.874		-
C4	211	Negative-1	1.678	1.7045	2.1987	60.567	61.523	-
D4	211	Negative-2	1.731			62.48		-
E4	211	Calibrator-1	1.359	1.3405	1.9517	49.053	48.385	-
F4	211	Calibrator-2	1.322			47.717		-
G4	211	Positive-1	1.094	1.131	4.6265	39.487	40.823	-
H4	211	Positive-2	1.168			42.158		-
A5	211	01_2018-12750_1/1	2.627	2.627		94.82	94.82	neg
B5	211	02_2018-12823_1/1	1.381	1.381		49.847	49.847	neg
C5	211	03_2018-12817_1/1	2.575	2.575		92.944	92.944	neg
D5	211	04_2018-12829_1/1	2.689	2.689		97.058	97.058	neg
E5	211	05_2018-12821_1/1	2.497	2.497		90.128	90.128	neg
F5	211	06_2018-12822_1/1	1.998	1.998		72.117	72.117	neg
G5	211	07_2018-12826_1/1	2.546	2.546		91.897	91.897	neg
H5	211	08_2018-12828_1/1	0.414	0.414		14.943	14.943	POS
A6	211	09_181029-PBS7	2.631	2.631		94.965	94.965	neg
B6	211	10_181029-PBS7	2.761	2.761		99.657	99.657	neg
C6	211	Positive-3	1.008	1.008		36.383	36.383	POS -

Meth

QC Validation criteria

Exp. Group Num 1

QC Validation criteria : Difference data

NC1>LPC1 --> TRUE

LPC1>PC1 --> TRUE

PC1>HPC1 --> TRUE

Exp. Group Num 2

Validation criteria : Difference data

NC2>LPC2 --> TRUE

LPC2>PC2 --> TRUE

PC2>HPC2 --> 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

	1	2	3	4	5	6	7	8
A1	207	Blank-1	3.012	3.0665	2.5134	98.223	100	-
B1	207	Blank-2	3.121			101.78		-
C1	207	Negative-1	1.976	1.866	8.3367	64.438	60.851	-
D1	207	Negative-2	1.756			57.264		-
E1	207	Calibrator-1	1.293	1.256	4.1661	42.165	40.959	-
F1	207	Calibrator-2	1.219			39.752		-
G1	207	Positive-1	0.981	0.995	1.9898	31.991	32.447	
H1	207	Positive-2	1.009			32.904		
A2	207	01_2018-12750_1/1	3.111	3.111		101.45	101.45	neg
B2	207	02_2018-12823_1/1	3.009	3.009		98.125	98.125	neg
C2	207	03_2018-12817_1/1	0.144	0.144		4.6959	4.6959	POS
D2	207	04_2018-12829_1/1	3.104	3.104		101.22	101.22	neg
E2	207	05_2018-12821_1/1	3.087	3.087		100.67	100.67	neg
F2	207	06_2018-12822_1/1	3.098	3.098		101.03	101.03	neg
G2	207	07_2018-12826_1/1	3.043	3.043		99.234	99.234	neg
H2	207	08_2018-12828_1/1	3.026	3.026		98.679	98.679	neg
A3	207	09_181029-PBS7	3.014	3.014		98.288	98.288	neg

OPI

EIA-20181030B_A86

ADP 15/10/18
ADP

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
B3	207	10_181029-PBS7	3.249	3.249		105.95	105.95	neg
C3	207	Positive-3	1.015	1.015		33.1	33.1	POS -
A4	208	Blank-1	2.473	2.432	2.3842	101.69	100	-
B4	208	Blank-2	2.391			98.314		-
C4	208	Negative-1	1.058	1.034	3.2825	43.503	42.516	-
D4	208	Negative-2	1.01			41.53		-
E4	208	Calibrator-1	0.651	0.6855	7.1175	26.768	28.187	-
F4	208	Calibrator-2	0.72			29.605		-
G4	208	Positive-1	0.544	0.5585	3.6716	22.368	22.965	-
H4	208	Positive-2	0.573			23.561		-
A5	208	01_2018-12750_1/1	2.419	2.419		99.465	99.465	neg
B5	208	02_2018-12823_1/1	1.663	1.663		68.38	68.38	neg
C5	208	03_2018-12817_1/1	2.331	2.331		95.847	95.847	neg
D5	208	04_2018-12829_1/1	2.332	2.332		95.888	95.888	neg
E5	208	05_2018-12821_1/1	2.341	2.341		96.258	96.258	neg
F5	208	06_2018-12822_1/1	2.353	2.353		96.752	96.752	neg
G5	208	07_2018-12826_1/1	2.426	2.426		99.753	99.753	neg
H5	208	08_2018-12828_1/1	2.481	2.481		102.01	102.01	neg
A6	208	09_181029-PBS7	2.481	2.481		102.01	102.01	neg
B6	208	10_181029-PBS7	2.539	2.539		104.4	104.4	neg
C6	208	Positive-3	0.523	0.523		21.505	21.505	POS -

PCP

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

	1	2	3	4	5	6	7	8
A1	233	Blank-1	3.086	3.088	0.091594	99.935	100	
B1	233	Blank-2	3.09			100.06		
C1	233	Negative-1	2.016	2.058	2.8862	65.285	66.645	
D1	233	Negative-2	2.1			68.005		
E1	233	Calibrator-1	1.445	1.4685	2.2631	46.794	47.555	
F1	233	Calibrator-2	1.492			48.316		
G1	233	Positive-1	1.458	1.4055	5.2825	47.215	45.515	
H1	233	Positive-2	1.353			43.815		
A2	233	01_2018-12750_1/1	3.187	3.187		103.21	103.21	neg
B2	233	02_2018-12823_1/1	3.252	3.252		105.31	105.31	neg
C2	233	03_2018-12817_1/1	3.288	3.288		106.48	106.48	neg
D2	233	04_2018-12829_1/1	3.229	3.229		104.57	104.57	neg
E2	233	05_2018-12821_1/1	3.26	3.26		105.57	105.57	neg
F2	233	06_2018-12822_1/1	3.204	3.204		103.76	103.76	neg
G2	233	07_2018-12826_1/1	3.33	3.33		107.84	107.84	neg
H2	233	08_2018-12828_1/1	3.329	3.329		107.8	107.8	neg
A3	233	09_181029-PBS7	3.34	3.34		108.16	108.16	neg
B3	233	10_181029-PBS7	3.31	3.31		107.19	107.19	neg
C3	233	Positive-3	1.398	1.398		45.272	45.272	POS

201

QC Validation criteria

Exp. Group Num 1

QC Validation criteria : Difference data

NCI>LPC1 --> TRUE

LPC1>PC1 --> TRUE

PCI>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

OK

	1	2	3	4	5	6	7	8
A1	222	Blank-1	2.945	2.922	1.1132	100.79	100	
B1	222	Blank-2	2.899			99.213		
C1	222	Negative-1	1.118	1.1005	2.2489	38.261	37.663	
D1	222	Negative-2	1.083			37.064		
E1	222	Calibrator-1	0.606	0.6045	0.35092	20.739	20.688	
F1	222	Calibrator-2	0.603			20.637		
G1	222	Positive-1	0.354	0.344	4.1111	12.115	11.773	
H1	222	Positive-2	0.334			11.431		
A2	222	01_2018-12750_1/1	2.871	2.871		98.255	98.255	neg
B2	222	02_2018-12823_1/1	2.53	2.53		86.585	86.585	neg
C2	222	03_2018-12817_1/1	0.93	0.93		31.828	31.828	neg
D2	222	04_2018-12829_1/1	2.86	2.86		97.878	97.878	neg
E2	222	05_2018-12821_1/1	2.846	2.846		97.399	97.399	neg
F2	222	06_2018-12822_1/1	2.655	2.655		90.862	90.862	neg
G2	222	07_2018-12826_1/1	2.784	2.784		95.277	95.277	neg
H2	222	08_2018-12828_1/1	2.736	2.736		93.634	93.634	neg
A3	222	09_181029-PBS7	3.021	3.021		103.39	103.39	neg
B3	222	10_181029-PBS7	2.948	2.948		100.89	100.89	neg
C3	222	Positive-3	0.331	0.331		11.328	11.328	POS