

Houston Forensic Science Center
Comparative and Analytical Division - Toxicology

Immunoassay Batch Review Checklist

Batch Name: <u>EIA_20181009U-AB6</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 20181009U-186

10/17/18 N/A mh

[Empty rectangular box for notes]

Analyst Review

Technical Review

Signature/Date:

[Handwritten Signature]
10/17/18

Signature/Date:

Melina Henry
10/17/18



Houston Forensic Science Center
Comparative and Analytical Division - Toxicology

Immunoassay Batch QC Data

Batch: EIA_20181009U-ABG Analyst: [Signature]

Matrix: Blood Urine

Instrument: Tecan Tecan-2

Pipette(s): 8933 235D

Phosphate Buffer Saline Lot Number: 180919-PBS7 Expiration Date: 3/19/19

Controls:	Lot Number	Expiration	Oxycodone:	Lot Number	Expiration
Blank	<u>180928U</u>	<u>9/28/19</u>	Negative	<u>050718U-Q-50</u>	<u>10/9/18</u>
Negative	<u>050718U-MXN</u>	<u>10/27/18</u>	Calibrator	<u>050718U-Q-100</u>	<u>10/9/18</u>
Calibrator	<u>050418U-MXC</u>	<u>10/27/18</u>	Positive	<u>050718U-Q-200</u>	<u>10/9/18</u>
Positive	<u>050718U-MXP</u>	<u>10/27/18</u>			

	Kit Lot Number	Expiration		Kit Lot Number	Expiration
Amphetamine	<u>EK16700</u>	<u>3/31/19</u>	Methadone	<u>EK16896</u>	<u>6/30/19</u>
Barbiturates	<u>EK16871</u>	<u>5/31/19</u>	Methamphetamine	<u>EK16872</u>	<u>5/31/19</u>
Benzodiazepines	<u>EK1693A</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>EK16755</u>	<u>4/30/19</u>
Cannabinoids	<u>EK16814</u>	<u>5/31/19</u>	Zolpidem	<u>NIA</u>	<u>NIA</u>
Carisoprodol	<u>EK16862</u>	<u>5/31/19</u>	Oxycodone	<u>EK16667</u>	<u>10/31/18</u>

Comments: Verification of Mixed Urine Controls (181001U-MXN, 181004U-MXC, 181008U-MXP e. 3/19/19) & Urine Oxy ~~for~~ Controls (181001U-Q-50, 181004U-Q-100, 181008U-Q-200) - ABG 10/11/18 e. 3/19/19

[Signature]



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

10/9/2018

EIA_20181009U-ASG

Tecan-2

Priority	Lab Case# / Item#	Description
2018-13726	116679118	Sexual Assault (Other Penetration)(Adult) Requested By: Ramon Garcia 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 R.V. Garcia at 713-308-1482, Ramon.Garcia@HoustonPolice.org
	Normal	
	3.1.3 one plastic container	
2018-14467	118106618	Investigation For Rape
	Normal	
	2.1.3 one plastic container	
2018-14931	118991318	Death Due To Traffic Accident Requested By: Farheen Ansari
	Normal	
	6.1 one plastic container	
2018-14658	119172018	Sexual Assault (Force Intercourse) Requested By: Dolph Daniel - SPC Please conduct an analysis of the CW's sexual assault kit and her toxicology. At this time the suspect is unknown.
	Normal	
	2.1.3 one plastic container	
Total Tasks		<u>4</u>

PBS: 180919-PBS7 exp. 3/19/19

Pipettes: 8933 235D

Blank: 180928U exp. 9/28/19

Verifying Mixed Urine + Oxy Standards:

Mixed

Neg 181001U-MXN e. 3/19/19
 Cal 181002U-MXC
 Pos 181008U-MXP

Oxy

Neg 181001U-Q-50 e. 3/19/19
 Cal 181002U-C-100
 Pos 181008U-Q-200

Mixed Exp
 Neg: 050719U-MXN 10/27/18
 Cal: 050418U-MXC 10/27/18
 Pos: 050718U-MXP 10/27/18

Oxy Exp
 Neg: 050718U-Q-50 10/19/18
 Cal: 050418U-C-100 10/19/18
 Pos: 050718U-Q-200 10/19/18

Inv. #	Exp	Inv. #	Exp
Amp 19	3/19	Meth 18	6/19
Carbs 17	5/19	Meth 6	5/19
3E 9	5/19	opi 5	4/19
Be 5	5/19	PCP 1	4/19
THC 7	5/19	Oxy 8U	10/18
CAR 18	5/19		

i101 0035i
12,654

1/1

EIA_20181009U_ASG2 PBS:180919-PBS7 Pipettes: 8933 & 235D Verifying standards

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_2018-13726_3/1/3	X	X	X	X	X	X	X	X	X
10 02_2018-14467_2/1/3	X	X	X	X	X	X	X	X	X
11 03_2018-14658_2/1/3	X	X	X	X	X	X	X	X	X
12 04_2018-14931_6/1	O	O	O	O	O	O	O	O	X
13 04_Water-1	X	X	X	X	X	X	X	X	O
14 05_181001U-MXN_1	X	X	X	X	X	X	X	X	X
15 06_181001U-MXN_2	X	X	X	X	X	X	X	X	X
16 07_181004U-MXC_1	X	X	X	X	X	X	X	X	X
17 08_181004U-MXC_2	X	X	X	X	X	X	X	X	X
18 09_181008U-MXP_1	X	X	X	X	X	X	X	X	X
19 10_181008U-MXP_2	X	X	X	X	X	X	X	X	X
20 Positive-3	X	X	X	X	X	X	X	X	X

Verified 10/9/2018 aag

ASh

	ID	208
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_2018-13726_3/1/3	X
10	02_2018-14467_2/1/3	X
11	03_2018-14658_2/1/3	X
12	04_2018-14931_6/1	O
13	04_Water-1	X
14	05_181001U-MXN_1	X
15	06_181001U-MXN_2	X
16	07_181004U-MXC_1	X
17	08_181004U-MXC_2	X
18	09_181008U-MXP_1	X
19	10_181008U-MXP_2	X
20	Positive-3	X

	ID	221
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_2018-13726_3/1/3	X
10	02_2018-14467_2/1/3	X
11	03_2018-14658_2/1/3	X
12	04_Water-1	X
13	05_181001U-Q-50_1	X
14	06_181001U-Q-50_2	X
15	07_181004U-C-100_1	X
16	08_181004U-C-100_2	X
17	09_181008U-Q-200_1	X
18	10_181008U-Q-200_2	X
19	Positive-3	X

SEQ VERIFIED. 10/9/18
AM

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

Amp

	1	2	3	4	5	6	7	8
A1	209	Blank-1	3.289	3.293	0.17178	99.879	100	✓
B1	209	Blank-2	3.297			100.12		
C1	209	Negative-1	1.583	1.543	3.6661	48.072	46.857	✓
D1	209	Negative-2	1.503			45.642		
E1	209	Calibrator-1	0.956	0.9235	4.9769	29.031	28.044	✓
F1	209	Calibrator-2	0.891			27.057		
G1	209	Positive-1	0.556	0.5265	7.9239	16.884	15.988	✓
H1	209	Positive-2	0.497			15.093		
A2	209	01_2018-13726_3/1/3	1.809	1.809		54.935	54.935	neg
B2	209	02_2018-14467_2/1/3	1.964	1.964		59.642	59.642	neg
C2	209	03_2018-14658_2/1/3	3.401	3.401		103.28	103.28	neg
D2	209	04_Water-1	3.502	3.502		106.35	106.35	neg
E2	209	05_181001U-MXN_1	1.441	1.441		43.759	43.759	neg
F2	209	06_181001U-MXN_2	1.468	1.468		44.579	44.579	neg
G2	209	07_181004U-MXC_1	0.84	0.84		25.509	25.509	POS
H2	209	08_181004U-MXC_2	0.863	0.863		26.207	26.207	POS
A3	209	09_181008U-MXP_1	0.473	0.473		14.364	14.364	POS

EIA_20181009U - AS

AS

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

Results

	1	2	3	4	5	6	7	8
B3	209	10_181008U-MXP_2	0.507	0.507		15.396	15.396	POS
C3	209	Positive-3	0.439	0.439		13.331	13.331	POS ✓
A4	210	Blank-1	2.624	2.609	0.81308	100.57	100	
B4	210	Blank-2	2.594			99.425		
C4	210	Negative-1	1.11	1.017	12.932	42.545	38.98	
D4	210	Negative-2	0.924			35.416		
E4	210	Calibrator-1	0.92	0.898	3.4647	35.263	34.419	
F4	210	Calibrator-2	0.876			33.576		
G4	210	Positive-1	0.592	0.599	1.6527	22.691	22.959	
H4	210	Positive-2	0.606			23.227		
A5	210	01_2018-13726_3/1/3	2.577	2.577		98.773	98.773	neg
B5	210	02_2018-14467_2/1/3	2.65	2.65		101.57	101.57	neg
C5	210	03_2018-14658_2/1/3	2.684	2.684		102.87	102.87	neg
D5	210	04_Water-1	2.667	2.667		102.22	102.22	neg
E5	210	05_181001U-MXN_1	1.104	1.104		42.315	42.315	neg
F5	210	06_181001U-MXN_2	1.09	1.09		41.778	41.778	neg
G5	210	07_181004U-MXC_1	0.927	0.927		35.531	35.531	neg
H5	210	08_181004U-MXC_2	0.857	0.857		32.848	32.848	POS
A6	210	09_181008U-MXP_1	0.627	0.627		24.032	24.032	POS
B6	210	10_181008U-MXP_2	0.651	0.651		24.952	24.952	POS
C6	210	Positive-3	0.55	0.55		21.081	21.081	POS

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

BZ

	1	2	3	4	5	6	7	8
A1	214	Blank-1	1.954	2.0345	5.5957	96.043	100	.
B1	214	Blank-2	2.115			103.96		
C1	214	Negative-1	1.125	1.151	3.1946	55.296	56.574	.
D1	214	Negative-2	1.177			57.852		
E1	214	Calibrator-1	0.645	0.6595	3.1093	31.703	32.416	.
F1	214	Calibrator-2	0.674			33.129		
G1	214	Positive-1	0.431	0.404	9.4514	21.185	19.857	.
H1	214	Positive-2	0.377			18.53		
A2	214	01_2018-13726_3/1/3	1.89	1.89		92.898	92.898	neg
B2	214	02_2018-14467_2/1/3	2.136	2.136		104.99	104.99	neg
C2	214	03_2018-14658_2/1/3	0.144	0.144		7.0779	7.0779	POS
D2	214	04_Water-1	2.509	2.509		123.32	123.32	neg
E2	214	05_181001U-MXN_1	1.036	1.036		50.922	50.922	neg
F2	214	06_181001U-MXN_2	0.965	0.965		47.432	47.432	neg
G2	214	07_181004U-MXC_1	0.809	0.809		39.764	39.764	neg
H2	214	08_181004U-MXC_2	0.749	0.749		36.815	36.815	neg
A3	214	09_181008U-MXP_1	0.327	0.327		16.073	16.073	POS

EIA_20181009U_A1

AB

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

Be

	1	2	3	4	5	6	7	8
B3	214	10_181008U-MXP_2	0.288	0.288		14.156	14.156	POS
C3	214	Positive-3	0.37	0.37		18.186	18.186	POS
A4	206	Blank-1	2.021	1.9935	1.9509	101.38	100	
B4	206	Blank-2	1.966			98.621		
C4	206	Negative-1	1.364	1.3335	3.2346	68.422	66.892	
D4	206	Negative-2	1.303			65.362		
E4	206	Calibrator-1	1.201	1.198	0.35414	60.246	60.095	
F4	206	Calibrator-2	1.195			59.945		
G4	206	Positive-1	1.104	1.071	4.3575	55.38	53.725	
H4	206	Positive-2	1.038			52.069		
A5	206	01_2018-13726_3/1/3	1.37	1.37		68.723	68.723	neg
B5	206	02_2018-14467_2/1/3	1.869	1.869		93.755	93.755	neg
C5	206	03_2018-14658_2/1/3	1.688	1.688		84.675	84.675	neg
D5	206	04_Water-1	1.896	1.896		95.109	95.109	neg
E5	206	05_181001U-MXN_1	1.317	1.317		66.065	66.065	neg
F5	206	06_181001U-MXN_2	1.411	1.411		70.78	70.78	neg
G5	206	07_181004U-MXC_1	1.258	1.258		63.105	63.105	neg
H5	206	08_181004U-MXC_2	1.207	1.207		60.547	60.547	neg
A6	206	09_181008U-MXP_1	0.925	0.925		46.401	46.401	POS
B6	206	10_181008U-MXP_2	1.002	1.002		50.263	50.263	POS
C6	206	Positive-3	1.074	1.074		53.875	53.875	POS

EIA 20181009-AB

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	205	Blank-1	2.123	2.182	3.824	97.296	100	-
B1	205	Blank-2	2.241			102.7		
C1	205	Negative-1	1.413	1.4045	0.85588	64.757	64.368	-
D1	205	Negative-2	1.396			63.978		
E1	205	Calibrator-1	1.109	1.13	2.6282	50.825	51.787	-
F1	205	Calibrator-2	1.151			52.75		
G1	205	Positive-1	0.617	0.5975	4.6154	28.277	27.383	-
H1	205	Positive-2	0.578			26.489		
A2	205	01_2018-13726_3/1/3	0.024	0.024		1.0999	1.0999	POS
B2	205	02_2018-14467_2/1/3	0.279	0.279		12.786	12.786	POS
C2	205	03_2018-14658_2/1/3	2.295	2.295		105.18	105.18	neg
D2	205	04_Water-1	2.589	2.589		118.65	118.65	neg
E2	205	05_181001U-MXN_1	1.364	1.364		62.511	62.511	neg
F2	205	06_181001U-MXN_2	1.315	1.315		60.266	60.266	neg
G2	205	07_181004U-MXC_1	0.961	0.961		44.042	44.042	POS
H2	205	08_181004U-MXC_2	0.934	0.934		42.805	42.805	POS
A3	205	09_181008U-MXP_1	0.483	0.483		22.136	22.136	POS

TAC

EIA 20181009U-A&G

AS

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_181008U-MXP_2	0.488	0.488		22.365	22.365	POS
C3	205	Positive-3	0.597	0.597		27.36	27.36	POS
A4	231	Blank-1	3.145	3.107	1.7296	101.22	100	
B4	231	Blank-2	3.069			98.777		
C4	231	Negative-1	2.113	2.0575	3.8148	68.008	66.221	
D4	231	Negative-2	2.002			64.435		
E4	231	Calibrator-1	1.79	1.7225	5.5419	57.612	55.439	
F4	231	Calibrator-2	1.655			53.267		
G4	231	Positive-1	1.319	1.353	3.5538	42.453	43.547	
H4	231	Positive-2	1.387			44.641		
A5	231	01_2018-13726_3/1/3	3.055	3.055		98.326	98.326	neg
B5	231	02_2018-14467_2/1/3	3.044	3.044		97.972	97.972	neg
C5	231	03_2018-14658_2/1/3	3.171	3.171		102.06	102.06	neg
D5	231	04_Water-1	3.105	3.105		99.936	99.936	neg
E5	231	05_181001U-MXN_1	1.932	1.932		62.182	62.182	neg
F5	231	06_181001U-MXN_2	1.893	1.893		60.927	60.927	neg
G5	231	07_181004U-MXC_1	1.459	1.459		46.958	46.958	POS
H5	231	08_181004U-MXC_2	1.455	1.455		46.83	46.83	POS
A6	231	09_181008U-MXP_1	1.343	1.343		43.225	43.225	POS
B6	231	10_181008U-MXP_2	1.324	1.324		42.613	42.613	POS
C6	231	Positive-3	1.223	1.223		39.363	39.363	POS

CAR

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	2.601	2.576	1.3725	100.97	100	
B1	232	Blank-2	2.551			99.03		
C1	232	Negative-1	0.806	0.773	6.0374	31.289	30.008	
D1	232	Negative-2	0.74			28.727		
E1	232	Calibrator-1	0.405	0.4075	0.86762	15.722	15.819	
F1	232	Calibrator-2	0.41			15.916		
G1	232	Positive-1	0.228	0.2395	6.7906	8.8509	9.2974	
H1	232	Positive-2	0.251			9.7438		
A2	232	01_2018-13726_3/1/3	2.485	2.485		96.467	96.467	neg
B2	232	02_2018-14467_2/1/3	2.315	2.315		89.868	89.868	neg
C2	232	03_2018-14658_2/1/3	2.506	2.506		97.283	97.283	neg
D2	232	04_Water-1	2.452	2.452		95.186	95.186	neg
E2	232	05_181001U-MXN_1	0.825	0.825		32.026	32.026	neg
F2	232	06_181001U-MXN_2	0.65	0.65		25.233	25.233	neg
G2	232	07_181004U-MXC_1	0.404	0.404		15.683	15.683	POS
H2	232	08_181004U-MXC_2	0.484	0.484		18.789	18.789	neg
A3	232	09_181008U-MXP_1	0.245	0.245		9.5109	9.5109	POS

Mtdn

EIA_20181009u-185

ADK

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

Meth

	1	2	3	4	5	6	7	8
B3	232	10_181008U-MXP_2	0.224	0.224		8.6957	8.6957	POS
C3	232	Positive-3	0.265	0.265		10.287	10.287	POS
A4	211	Blank-1	2.843	2.8855	2.083	98.527	100	-
B4	211	Blank-2	2.928			101.47		-
C4	211	Negative-1	1.391	1.3415	5.2183	48.207	46.491	-
D4	211	Negative-2	1.292			44.776		-
E4	211	Calibrator-1	1.063	1.0575	0.73552	36.839	36.649	-
F4	211	Calibrator-2	1.052			36.458		-
G4	211	Positive-1	0.774	0.7655	1.5703	26.824	26.529	-
H4	211	Positive-2	0.757			26.235		-
A5	211	01_2018-13726_3/1/3	1.332	1.332		46.162	46.162	neg
B5	211	02_2018-14467_2/1/3	2.784	2.784		96.482	96.482	neg
C5	211	03_2018-14658_2/1/3	2.743	2.743		95.062	95.062	neg
D5	211	04_Water-1	2.8	2.8		97.037	97.037	neg
E5	211	05_181001U-MXN_1	1.246	1.246		43.181	43.181	neg
F5	211	06_181001U-MXN_2	1.21	1.21		41.934	41.934	neg
G5	211	07_181004U-MXC_1	0.913	0.913		31.641	31.641	POS
H5	211	08_181004U-MXC_2	0.907	0.907		31.433	31.433	POS
A6	211	09_181008U-MXP_1	0.687	0.687		23.809	23.809	POS
B6	211	10_181008U-MXP_2	0.675	0.675		23.393	23.393	POS
C6	211	Positive-3	0.705	0.705		24.433	24.433	POS

EIA 20181009U-AS6

AS

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	2.986	2.9815	0.21345	100.15	100	.
B1	207	Blank-2	2.977			99.849		
C1	207	Negative-1	0.653	0.632	4.6991	21.902	21.197	.
D1	207	Negative-2	0.611			20.493		
E1	207	Calibrator-1	0.359	0.3555	1.3923	12.041	11.924	.
F1	207	Calibrator-2	0.352			11.806		
G1	207	Positive-1	0.219	0.2245	3.4647	7.3453	7.5298	.
H1	207	Positive-2	0.23			7.7142		
A2	207	01_2018-13726_3/1/3	2.931	2.931		98.306	98.306	neg
B2	207	02_2018-14467_2/1/3	3.053	3.053		102.4	102.4	neg
C2	207	03_2018-14658_2/1/3	3.116	3.116		104.51	104.51	neg
D2	207	04_2018-14931_6/1	0.05	0.05		1.677	1.677	POS
E2	207	05_181001U-MXN_1	0.614	0.614		20.594	20.594	neg
F2	207	06_181001U-MXN_2	0.572	0.572		19.185	19.185	neg
G2	207	07_181004U-MXC_1	0.365	0.365		12.242	12.242	neg
H2	207	08_181004U-MXC_2	0.342	0.342		11.471	11.471	POS
A3	207	09_181008U-MXP_1	0.209	0.209		7.0099	7.0099	POS

EIA_20181009_181004U_Ash

Handwritten signature

OP1

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_181008U-MXP_2	0.2	0.2		6.708	6.708	POS
C3	207	Positive-3	0.234	0.234		7.8484	7.8484	POS
A4	208	Blank-1	2.622	2.6095	0.67744	100.48	100	
B4	208	Blank-2	2.597			99.521		
C4	208	Negative-1	1.016	1.02	0.55459	38.935	39.088	
D4	208	Negative-2	1.024			39.241		
E4	208	Calibrator-1	0.657	0.626	7.0033	25.177	23.989	
F4	208	Calibrator-2	0.595			22.801		
G4	208	Positive-1	0.362	0.3605	0.58844	13.872	13.815	
H4	208	Positive-2	0.359			13.757		
A5	208	01_2018-13726_3/1/3	2.229	2.229		85.419	85.419	neg
B5	208	02_2018-14467_2/1/3	2.252	2.252		86.3	86.3	neg
C5	208	03_2018-14658_2/1/3	2.388	2.388		91.512	91.512	neg
D5	208	04_Water-1	2.286	2.286		87.603	87.603	neg
E5	208	05_181001U-MXN_1	0.879	0.879		33.685	33.685	neg
F5	208	06_181001U-MXN_2	0.966	0.966		37.019	37.019	neg
G5	208	07_181004U-MXC_1	0.559	0.559		21.422	21.422	POS
H5	208	08_181004U-MXC_2	0.49	0.49		18.778	18.778	POS
A6	208	09_181008U-MXP_1	0.362	0.362		13.872	13.872	POS
B6	208	10_181008U-MXP_2	0.296	0.296		11.343	11.343	POS
C6	208	Positive-3	0.355	0.355		13.604	13.604	POS

PCP

EIA-20181009U-AB
AB

QC Validation criteria

Exp. Group Num 1

QC Validation criteria : Difference data

NC1>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	221	Blank-1	3.009	2.9865	1.0655	100.75	100	
B1	221	Blank-2	2.964			99.247		
C1	221	Negative-1	1.5	1.4965	0.33075	50.226	50.109	
D1	221	Negative-2	1.493			49.992		
E1	221	Calibrator-1	1.317	1.2965	2.2361	44.098	43.412	
F1	221	Calibrator-2	1.276			42.726		
G1	221	Positive-1	1.014	1.016	0.27839	33.953	34.02	
H1	221	Positive-2	1.018			34.087		
A2	221	01_2018-13726_3/1/3	3	3		100.45	100.45	neg
B2	221	02_2018-14467_2/1/3	2.997	2.997		100.35	100.35	neg
C2	221	03_2018-14658_2/1/3	3.041	3.041		101.82	101.82	neg
D2	221	04_Water-1	3.047	3.047		102.03	102.03	neg
E2	221	05_181001U-Q-50_1	1.388	1.388		46.476	46.476	neg
F2	221	06_181001U-Q-50_2	1.385	1.385		46.375	46.375	neg
G2	221	07_181004U-C-100_1	1.254	1.254		41.989	41.989	POS
H2	221	08_181004U-C-100_2	1.244	1.244		41.654	41.654	POS
A3	221	09_181008U-Q-200_1	1.009	1.009		33.785	33.785	POS
B3	221	10_181008U-Q-200_2	1.031	1.031		34.522	34.522	POS
C3	221	Positive-3	0.987	0.987		33.049	33.049	POS

OK

EIA-20181009U-86 

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **01_2018-13726_3/1/3**
 Batch Name: **EIA_20181009U_ASG**
 Batch Name: **EIA_20181009U_ASG2** Matrix: **Urine**

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	3.289	3.293	0 ng/mL	2.624	2.609	0 ng/mL	1.954	2.034	0 ng/mL	2.021	1.993	0 ng/mL	2.123	2.182	0 ng/mL	3.145	3.107
Blank-2		3.297			2.594			2.115			1.966			2.241			3.069	
Negative-1	100 ng/mL	1.583	1.543	150 ng/mL	1.11	1.017	50 ng/mL	1.125	1.151	75 ng/mL	1.364	1.333	10 ng/mL	1.413	1.404	250 ng/mL	2.113	2.057
Negative-2		1.503			0.924			1.177			1.303			1.396			2.002	
Calibrator-1	200 ng/mL	0.956	0.923	300 ng/mL	0.92	0.898	100 ng/mL	0.645	0.659	150 ng/mL	1.201	1.198	20 ng/mL	1.109	1.13	500 ng/mL	1.79	1.722
Calibrator-2		0.891			0.876			0.674			1.195			1.151			1.655	
Positive-1	400 ng/mL	0.556	0.526	900 ng/mL	0.592	0.599	300 ng/mL	0.431	0.404	300 ng/mL	1.104	1.071	60 ng/mL	0.617	0.597	1000 ng/mL	1.319	1.353
Positive-2		0.497			0.606			0.377			1.038			0.578			1.387	
Positive-3		0.439	0.439		0.55	0.55		0.37	0.37		1.074	1.074		0.597	0.597		1.223	1.223

CASE DATA:

Raw Data:	1.809	2.577	1.89	1.37	0.024	3.055
RESULT:	neg	neg	neg	neg	POS	neg



Reviewed by: Melina Henry 10/17/18

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **01_2018-13726_3/1/3**
 Batch Name: **EIA_20181009U_ASG**
 Batch Name: **EIA_20181009U_ASG2** Matrix: **Urine**

CONTROL ID:	Methadone			Methamphetamine			Opiates			Phencyclidine			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
Blank-1	0 ng/mL	2.601	2.576	0 ng/mL	2.843	2.885	0 ng/mL	2.986	2.981	0 ng/mL	2.622	2.609	0 ng/mL	3.009	2.986
Blank-2		2.551			2.928			2.977			2.597			2.964	
Negative-1	150 ng/mL	0.806	0.773	100 ng/mL	1.391	1.341	100 ng/mL	0.653	0.632	12.5 ng/mL	1.016	1.02	50 ng/mL	1.5	1.496
Negative-2		0.74			1.292			0.611			1.024			1.493	
Calibrator-1	300 ng/mL	0.405	0.407	200 ng/mL	1.063	1.057	200 ng/mL	0.359	0.355	25 ng/mL	0.657	0.626	100 ng/mL	1.317	1.296
Calibrator-2		0.41			1.052			0.352			0.595			1.276	
Positive-1	600 ng/mL	0.228	0.239	400 ng/mL	0.774	0.765	400 ng/mL	0.219	0.224	50 ng/mL	0.362	0.360	200 ng/mL	1.014	1.016
Positive-2		0.251			0.757			0.23			0.359			1.018	
Positive-3		0.265	0.265		0.705	0.705		0.234	0.234		0.355	0.355		0.987	0.987

CASE DATA:

Raw Data:	2.485	1.332	2.931	2.229	3
RESULT:	neg	neg	neg	neg	neg

Reviewed by: Melissa Henry 10/17/18

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **02_2018-14467_2/1/3**
 Batch Name: **EIA_20181009U_ASG**
 Batch Name: **EIA_20181009U_ASG2** Matrix: **Urine**

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	3.289	3.293	0 ng/mL	2.624	2.609	0 ng/mL	1.954	2.034	0 ng/mL	2.021	1.993	0 ng/mL	2.123	2.182	0 ng/mL	3.145	3.107
Blank-2		3.297			2.594			2.115			1.966			2.241			3.069	
Negative-1	100 ng/mL	1.583	1.543	150 ng/mL	1.11	1.017	50 ng/mL	1.125	1.151	75 ng/mL	1.364	1.333	10 ng/mL	1.413	1.404	250 ng/mL	2.113	2.057
Negative-2		1.503			0.924			1.177			1.303			1.396			2.002	
Calibrator-1	200 ng/mL	0.956	0.923	300 ng/mL	0.92	0.898	100 ng/mL	0.645	0.659	150 ng/mL	1.201	1.198	20 ng/mL	1.109	1.13	500 ng/mL	1.79	1.722
Calibrator-2		0.891			0.876			0.674			1.195			1.151			1.655	
Positive-1	400 ng/mL	0.556	0.526	900 ng/mL	0.592	0.599	300 ng/mL	0.431	0.404	300 ng/mL	1.104	1.071	60 ng/mL	0.617	0.597	1000 ng/mL	1.319	1.353
Positive-2		0.497			0.606			0.377			1.038			0.578			1.387	
Positive-3		0.439	0.439		0.55	0.55		0.37	0.37		1.074	1.074		0.597	0.597		1.223	1.223

CASE DATA:

Raw Data:	1.964	2.65	2.136	1.869	0.279	3.044
RESULT:	neg	neg	neg	neg	POS	neg

Reviewed by: Melanie Henry 10/17/18

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

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

Instrument: **TECAN-2**

Forensic Case Number: **02_2018-14467_2/1/3**

Batch Name: **EIA_20181009U_ASG**

Batch Name: **EIA_20181009U_ASG2**

Matrix: **Urine**

CONTROL ID:	Methadone			Methamphetamine			Opiates			Phencyclidine			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
Blank-1	0 ng/mL	2.601	2.576	0 ng/mL	2.843	2.885	0 ng/mL	2.986	2.981	0 ng/mL	2.622	2.609	0 ng/mL	3.009	2.986
Blank-2		2.551			2.928			2.977			2.597			2.964	
Negative-1	150 ng/mL	0.806	0.773	100 ng/mL	1.391	1.341	100 ng/mL	0.653	0.632	12.5 ng/mL	1.016	1.02	50 ng/mL	1.5	1.496
Negative-2		0.74			1.292			0.611			1.024			1.493	
Calibrator-1	300 ng/mL	0.405	0.407	200 ng/mL	1.063	1.057	200 ng/mL	0.359	0.355	25 ng/mL	0.657	0.626	100 ng/mL	1.317	1.296
Calibrator-2		0.41			1.052			0.352			0.595			1.276	
Positive-1	600 ng/mL	0.228	0.239	400 ng/mL	0.774	0.765	400 ng/mL	0.219	0.224	50 ng/mL	0.362	0.360	200 ng/mL	1.014	1.016
Positive-2		0.251			0.757			0.23			0.359			1.018	
Positive-3		0.265	0.265		0.705	0.705		0.234	0.234		0.355	0.355		0.987	0.987

CASE DATA:

Raw Data: **2.315**

2.784

3.053

2.252

2.997

RESULT: **neg**

neg

neg

neg

neg

Reviewed by:

Melvin Henry 10/17/18

Report Date: 10/10/2018 6:54:52 AM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **03_2018-14658_2/1/3**
 Batch Name: **EIA_20181009U_ASG**
 Batch Name: **EIA_20181009U_ASG2** Matrix: **Urine**

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	3.289	3.293	0 ng/mL	2.624	2.609	0 ng/mL	1.954	2.034	0 ng/mL	2.021	1.993	0 ng/mL	2.123	2.182	0 ng/mL	3.145	3.107
Blank-2		3.297			2.594			2.115			1.966			2.241			3.069	
Negative-1	100 ng/mL	1.583	1.543	150 ng/mL	1.11	1.017	50 ng/mL	1.125	1.151	75 ng/mL	1.364	1.333	10 ng/mL	1.413	1.404	250 ng/mL	2.113	2.057
Negative-2		1.503			0.924			1.177			1.303			1.396			2.002	
Calibrator-1	200 ng/mL	0.956	0.923	300 ng/mL	0.92	0.898	100 ng/mL	0.645	0.659	150 ng/mL	1.201	1.198	20 ng/mL	1.109	1.13	500 ng/mL	1.79	1.722
Calibrator-2		0.891			0.876			0.674			1.195			1.151			1.655	
Positive-1	400 ng/mL	0.556	0.526	900 ng/mL	0.592	0.599	300 ng/mL	0.431	0.404	300 ng/mL	1.104	1.071	60 ng/mL	0.617	0.597	1000 ng/mL	1.319	1.353
Positive-2		0.497			0.606			0.377			1.038			0.578			1.387	
Positive-3		0.439	0.439		0.55	0.55		0.37	0.37		1.074	1.074		0.597	0.597		1.223	1.223

CASE DATA:

Raw Data:	3.401	2.684	0.144	1.688	2.295	3.171
RESULT:	neg	neg	POS	neg	neg	neg

Reviewed by: Melina Henry 10/17/18

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **03_2018-14658_2/1/3**
 Batch Name: **EIA_20181009U_ASG**
 Batch Name: **EIA_20181009U_ASG2** Matrix: **Urine**

CONTROL ID:	Methadone			Methamphetamine			Opiates			Phencyclidine			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
Blank-1	0 ng/mL	2.601	2.576	0 ng/mL	2.843	2.885	0 ng/mL	2.986	2.981	0 ng/mL	2.622	2.609	0 ng/mL	3.009	2.986
Blank-2		2.551			2.928			2.977			2.597			2.964	
Negative-1	150 ng/mL	0.806	0.773	100 ng/mL	1.391	1.341	100 ng/mL	0.653	0.632	12.5 ng/mL	1.016	1.02	50 ng/mL	1.5	1.496
Negative-2		0.74			1.292			0.611			1.024			1.493	
Calibrator-1	300 ng/mL	0.405	0.407	200 ng/mL	1.063	1.057	200 ng/mL	0.359	0.355	25 ng/mL	0.657	0.626	100 ng/mL	1.317	1.296
Calibrator-2		0.41			1.052			0.352			0.595			1.276	
Positive-1	600 ng/mL	0.228	0.239	400 ng/mL	0.774	0.765	400 ng/mL	0.219	0.224	50 ng/mL	0.362	0.360	200 ng/mL	1.014	1.016
Positive-2		0.251			0.757			0.23			0.359			1.018	
Positive-3		0.265	0.265		0.705	0.705		0.234	0.234		0.355	0.355		0.987	0.987

CASE DATA:

Raw Data:	2.506	2.743	3.116	2.388	3.041
RESULT:	neg	neg	neg	neg	neg

Reviewed by: Melvin Henry 10/17/18

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

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

Instrument: **TECAN-2**

Forensic Case Number: **04_2018-14931_6/1**

Batch Name: **EIA_20181009U_ASG**

Batch Name: **EIA_20181009U_ASG2**

Matrix: **Urine**

CONTROL ID:	Opiates		
	conc	raw data	raw data mean
Blank-1	0 ng/mL	2.986	2.981
Blank-2		2.977	
Negative-1	100 ng/mL	0.653	0.632
Negative-2		0.611	
Calibrator-1	200 ng/mL	0.359	0.355
Calibrator-2		0.352	
Positive-1	400 ng/mL	0.219	0.224
Positive-2		0.23	
Positive-3		0.234	0.234

CASE DATA:

Raw Data:	0.05
RESULT:	POS

Item 6.1 was previously analyzed in EIA_20180928U_ASG. - ASG 10/12/18

Reviewed by: Melvin Henry 10/17/18

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **04_Water-1**

Batch Name: **EIA_20181009U_ASG**

Batch Name: **EIA_20181009U_ASG2**

Matrix: **Urine**

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	3.289	3.293	0 ng/mL	2.624	2.609	0 ng/mL	1.954	2.034	0 ng/mL	2.021	1.993	0 ng/mL	2.123	2.182	0 ng/mL	3.145	3.107
Blank-2		3.297			2.594			2.115			1.966			2.241			3.069	
Negative-1	100 ng/mL	1.583	1.543	150 ng/mL	1.11	1.017	50 ng/mL	1.125	1.151	75 ng/mL	1.364	1.333	10 ng/mL	1.413	1.404	250 ng/mL	2.113	2.057
Negative-2		1.503			0.924			1.177			1.303			1.396			2.002	
Calibrator-1	200 ng/mL	0.956	0.923	300 ng/mL	0.92	0.898	100 ng/mL	0.645	0.659	150 ng/mL	1.201	1.198	20 ng/mL	1.109	1.13	500 ng/mL	1.79	1.722
Calibrator-2		0.891			0.876			0.674			1.195			1.151			1.655	
Positive-1	400 ng/mL	0.556	0.526	900 ng/mL	0.592	0.599	300 ng/mL	0.431	0.404	300 ng/mL	1.104	1.071	60 ng/mL	0.617	0.597	1000 ng/mL	1.319	1.353
Positive-2		0.497			0.606			0.377			1.038			0.578			1.387	
Positive-3		0.439	0.439		0.55	0.55		0.37	0.37		1.074	1.074		0.597	0.597		1.223	1.223

CASE DATA:

Raw Data:	3.502	2.667	2.509	1.896	2.589	3.105
RESULT:	neg	neg	neg	neg	neg	neg

Reviewed by: Melvin Henry 10/17/18

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **04_Water-1**
 Batch Name: **EIA_20181009U_ASG**
 Batch Name: **EIA_20181009U_ASG2** Matrix: **Urine**

CONTROL ID:	Methadone			Methamphetamine			Phencyclidine			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
Blank-1	0 ng/mL	2.601	2.576	0 ng/mL	2.843	2.885	0 ng/mL	2.622	2.609	0 ng/mL	3.009	2.986
Blank-2		2.551			2.928			2.597			2.964	
Negative-1	150 ng/mL	0.806	0.773	100 ng/mL	1.391	1.341	12.5 ng/mL	1.016	1.02	50 ng/mL	1.5	1.496
Negative-2		0.74			1.292			1.024			1.493	
Calibrator-1	300 ng/mL	0.405	0.407	200 ng/mL	1.063	1.057	25 ng/mL	0.657	0.626	100 ng/mL	1.317	1.296
Calibrator-2		0.41			1.052			0.595			1.276	
Positive-1	600 ng/mL	0.228	0.239	400 ng/mL	0.774	0.765	50 ng/mL	0.362	0.360	200 ng/mL	1.014	1.016
Positive-2		0.251			0.757			0.359			1.018	
Positive-3		0.265	0.265		0.705	0.705		0.355	0.355		0.987	0.987

CASE DATA:

Raw Data:	2.452	2.8	2.286	3.047
RESULT:	neg	neg	neg	neg

Reviewed by: Melanie Henry 10/17/18

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **05_181001U-MXN_1**

Batch Name: **EIA_20181009U_ASG**

Batch Name: **EIA_20181009U_ASG2**

Matrix: **Urine**

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	3.289	3.293	0 ng/mL	2.624	2.609	0 ng/mL	1.954	2.034	0 ng/mL	2.021	1.993	0 ng/mL	2.123	2.182	0 ng/mL	3.145	3.107
Blank-2		3.297			2.594			2.115			1.966			2.241			3.069	
Negative-1	100 ng/mL	1.583	1.543	150 ng/mL	1.11	1.017	50 ng/mL	1.125	1.151	75 ng/mL	1.364	1.333	10 ng/mL	1.413	1.404	250 ng/mL	2.113	2.057
Negative-2		1.503			0.924			1.177			1.303			1.396			2.002	
Calibrator-1	200 ng/mL	0.956	0.923	300 ng/mL	0.92	0.898	100 ng/mL	0.645	0.659	150 ng/mL	1.201	1.198	20 ng/mL	1.109	1.13	500 ng/mL	1.79	1.722
Calibrator-2		0.891			0.876			0.674			1.195			1.151			1.655	
Positive-1	400 ng/mL	0.556	0.526	900 ng/mL	0.592	0.599	300 ng/mL	0.431	0.404	300 ng/mL	1.104	1.071	60 ng/mL	0.617	0.597	1000 ng/mL	1.319	1.353
Positive-2		0.497			0.606			0.377			1.038			0.578			1.387	
Positive-3		0.439	0.439		0.55	0.55		0.37	0.37		1.074	1.074		0.597	0.597		1.223	1.223

CASE DATA:

Raw Data:	1.441	1.104	1.036	1.317	1.364	1.932
RESULT:	neg	neg	neg	neg	neg	neg

Reviewed by: Melina Henry 10/17/18

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **05_181001U-MXN_1**
 Batch Name: **EIA_20181009U_ASG**
 Batch Name: **EIA_20181009U_ASG2** Matrix: **Urine**

CONTROL ID:	Methadone			Methamphetamine			Opiates			Phencyclidine		
	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	2.601	2.576	0 ng/mL	2.843	2.885	0 ng/mL	2.986	2.981	0 ng/mL	2.622	2.609
Blank-2		2.551			2.928			2.977			2.597	
Negative-1	150 ng/mL	0.806	0.773	100 ng/mL	1.391	1.341	100 ng/mL	0.653	0.632	12.5 ng/mL	1.016	1.02
Negative-2		0.74			1.292			0.611			1.024	
Calibrator-1	300 ng/mL	0.405	0.407	200 ng/mL	1.063	1.057	200 ng/mL	0.359	0.355	25 ng/mL	0.657	0.626
Calibrator-2		0.41			1.052			0.352			0.595	
Positive-1	600 ng/mL	0.228	0.239	400 ng/mL	0.774	0.765	400 ng/mL	0.219	0.224	50 ng/mL	0.362	0.360
Positive-2		0.251			0.757			0.23			0.359	
Positive-3		0.265	0.265		0.705	0.705		0.234	0.234		0.355	0.355

CASE DATA:

Raw Data:	0.825	1.246	0.614	0.879
RESULT:	neg	neg	neg	neg

Reviewed by:

Melina Henry 10/17/18

Report Date: 10/10/2018 6:54:53 AM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **06_181001U-MXN_2**

Batch Name: **EIA_20181009U_ASG**

Batch Name: **EIA_20181009U_ASG2**

Matrix: **Urine**

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	3.289	3.293	0 ng/mL	2.624	2.609	0 ng/mL	1.954	2.034	0 ng/mL	2.021	1.993	0 ng/mL	2.123	2.182	0 ng/mL	3.145	3.107
Blank-2		3.297			2.594			2.115			1.966			2.241			3.069	
Negative-1	100 ng/mL	1.583	1.543	150 ng/mL	1.11	1.017	50 ng/mL	1.125	1.151	75 ng/mL	1.364	1.333	10 ng/mL	1.413	1.404	250 ng/mL	2.113	2.057
Negative-2		1.503			0.924			1.177			1.303			1.396			2.002	
Calibrator-1	200 ng/mL	0.956	0.923	300 ng/mL	0.92	0.898	100 ng/mL	0.645	0.659	150 ng/mL	1.201	1.198	20 ng/mL	1.109	1.13	500 ng/mL	1.79	1.722
Calibrator-2		0.891			0.876			0.674			1.195			1.151			1.655	
Positive-1	400 ng/mL	0.556	0.526	900 ng/mL	0.592	0.599	300 ng/mL	0.431	0.404	300 ng/mL	1.104	1.071	60 ng/mL	0.617	0.597	1000 ng/mL	1.319	1.353
Positive-2		0.497			0.606			0.377			1.038			0.578			1.387	
Positive-3		0.439	0.439		0.55	0.55		0.37	0.37		1.074	1.074		0.597	0.597		1.223	1.223

CASE DATA:

Raw Data:	1.468	1.09	0.965	1.411	1.315	1.893
RESULT:	neg	neg	neg	neg	neg	neg

Reviewed by: Melina Henry 10/10/18

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **06_181001U-MXN_2**
 Batch Name: **EIA_20181009U_ASG**
 Batch Name: **EIA_20181009U_ASG2** Matrix: **Urine**

CONTROL ID:	Methadone			Methamphetamine			Opiates			Phencyclidine		
	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	2.601	2.576	0 ng/mL	2.843	2.885	0 ng/mL	2.986	2.981	0 ng/mL	2.622	2.609
Blank-2		2.551			2.928			2.977			2.597	
Negative-1	150 ng/mL	0.806	0.773	100 ng/mL	1.391	1.341	100 ng/mL	0.653	0.632	12.5 ng/mL	1.016	1.02
Negative-2		0.74			1.292			0.611			1.024	
Calibrator-1	300 ng/mL	0.405	0.407	200 ng/mL	1.063	1.057	200 ng/mL	0.359	0.355	25 ng/mL	0.657	0.626
Calibrator-2		0.41			1.052			0.352			0.595	
Positive-1	600 ng/mL	0.228	0.239	400 ng/mL	0.774	0.765	400 ng/mL	0.219	0.224	50 ng/mL	0.362	0.360
Positive-2		0.251			0.757			0.23			0.359	
Positive-3		0.265	0.265		0.705	0.705		0.234	0.234		0.355	0.355

CASE DATA:

Raw Data:	0.65	1.21	0.572	0.966
RESULT:	neg	neg	neg	neg

Reviewed by: Melina Henry 10/17/18

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **07_181004U-MXC_1**
 Batch Name: **EIA_20181009U_ASG**
 Batch Name: **EIA_20181009U_ASG2** Matrix: **Urine**

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	3.289	3.293	0 ng/mL	2.624	2.609	0 ng/mL	1.954	2.034	0 ng/mL	2.021	1.993	0 ng/mL	2.123	2.182	0 ng/mL	3.145	3.107
Blank-2		3.297			2.594			2.115			1.966			2.241			3.069	
Negative-1	100 ng/mL	1.583	1.543	150 ng/mL	1.11	1.017	50 ng/mL	1.125	1.151	75 ng/mL	1.364	1.333	10 ng/mL	1.413	1.404	250 ng/mL	2.113	2.057
Negative-2		1.503			0.924			1.177			1.303			1.396			2.002	
Calibrator-1	200 ng/mL	0.956	0.923	300 ng/mL	0.92	0.898	100 ng/mL	0.645	0.659	150 ng/mL	1.201	1.198	20 ng/mL	1.109	1.13	500 ng/mL	1.79	1.722
Calibrator-2		0.891			0.876			0.674			1.195			1.151			1.655	
Positive-1	400 ng/mL	0.556	0.526	900 ng/mL	0.592	0.599	300 ng/mL	0.431	0.404	300 ng/mL	1.104	1.071	60 ng/mL	0.617	0.597	1000 ng/mL	1.319	1.353
Positive-2		0.497			0.606			0.377			1.038			0.578			1.387	
Positive-3		0.439	0.439		0.55	0.55		0.37	0.37		1.074	1.074		0.597	0.597		1.223	1.223

CASE DATA:

Raw Data:	0.84	0.927	0.809	1.258	0.961	1.459
RESULT:	POS	neg	neg	neg	POS	POS

Reviewed by: Melanie Henry 10/10/18

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **07_181004U-MXC_1**
 Batch Name: **EIA_20181009U_ASG**
 Batch Name: **EIA_20181009U_ASG2** Matrix: **Urine**

CONTROL ID:	Methadone			Methamphetamine			Opiates			Phencyclidine		
	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	2.601	2.576	0 ng/mL	2.843	2.885	0 ng/mL	2.986	2.981	0 ng/mL	2.622	2.609
Blank-2		2.551			2.928			2.977			2.597	
Negative-1	150 ng/mL	0.806	0.773	100 ng/mL	1.391	1.341	100 ng/mL	0.653	0.632	12.5 ng/mL	1.016	1.02
Negative-2		0.74			1.292			0.611			1.024	
Calibrator-1	300 ng/mL	0.405	0.407	200 ng/mL	1.063	1.057	200 ng/mL	0.359	0.355	25 ng/mL	0.657	0.626
Calibrator-2		0.41			1.052			0.352			0.595	
Positive-1	600 ng/mL	0.228	0.239	400 ng/mL	0.774	0.765	400 ng/mL	0.219	0.224	50 ng/mL	0.362	0.360
Positive-2		0.251			0.757			0.23			0.359	
Positive-3		0.265	0.265		0.705	0.705		0.234	0.234		0.355	0.355

CASE DATA:

Raw Data:	0.404	0.913	0.365	0.559
RESULT:	POS	POS	neg	POS

Reviewed by: Melina Henry 10/17/18

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **08_181004U-MXC_2**
 Batch Name: **EIA_20181009U_ASG**
 Batch Name: **EIA_20181009U_ASG2** Matrix: **Urine**

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	3.289	3.293	0 ng/mL	2.624	2.609	0 ng/mL	1.954	2.034	0 ng/mL	2.021	1.993	0 ng/mL	2.123	2.182	0 ng/mL	3.145	3.107
Blank-2		3.297			2.594			2.115			1.966			2.241			3.069	
Negative-1	100 ng/mL	1.583	1.543	150 ng/mL	1.11	1.017	50 ng/mL	1.125	1.151	75 ng/mL	1.364	1.333	10 ng/mL	1.413	1.404	250 ng/mL	2.113	2.057
Negative-2		1.503			0.924			1.177			1.303			1.396			2.002	
Calibrator-1	200 ng/mL	0.956	0.923	300 ng/mL	0.92	0.898	100 ng/mL	0.645	0.659	150 ng/mL	1.201	1.198	20 ng/mL	1.109	1.13	500 ng/mL	1.79	1.722
Calibrator-2		0.891			0.876			0.674			1.195			1.151			1.655	
Positive-1	400 ng/mL	0.556	0.526	900 ng/mL	0.592	0.599	300 ng/mL	0.431	0.404	300 ng/mL	1.104	1.071	60 ng/mL	0.617	0.597	1000 ng/mL	1.319	1.353
Positive-2		0.497			0.606			0.377			1.038			0.578			1.387	
Positive-3		0.439	0.439		0.55	0.55		0.37	0.37		1.074	1.074		0.597	0.597		1.223	1.223

CASE DATA:

Raw Data:	0.863	0.857	0.749	1.207	0.934	1.455
RESULT:	POS	POS	neg	neg	POS	POS

Reviewed by: Melanie Henry 10/17/18

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **08_181004U-MXC_2**
 Batch Name: **EIA_20181009U_ASG**
 Batch Name: **EIA_20181009U_ASG2** Matrix: **Urine**

CONTROL ID:	Methadone			Methamphetamine			Opiates			Phencyclidine		
	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	2.601	2.576	0 ng/mL	2.843	2.885	0 ng/mL	2.986	2.981	0 ng/mL	2.622	2.609
Blank-2		2.551			2.928			2.977			2.597	
Negative-1	150 ng/mL	0.806	0.773	100 ng/mL	1.391	1.341	100 ng/mL	0.653	0.632	12.5 ng/mL	1.016	1.02
Negative-2		0.74			1.292			0.611			1.024	
Calibrator-1	300 ng/mL	0.405	0.407	200 ng/mL	1.063	1.057	200 ng/mL	0.359	0.355	25 ng/mL	0.657	0.626
Calibrator-2		0.41			1.052			0.352			0.595	
Positive-1	600 ng/mL	0.228	0.239	400 ng/mL	0.774	0.765	400 ng/mL	0.219	0.224	50 ng/mL	0.362	0.360
Positive-2		0.251			0.757			0.23			0.359	
Positive-3		0.265	0.265		0.705	0.705		0.234	0.234		0.355	0.355

CASE DATA:

Raw Data:	0.484	0.907	0.342	0.49
RESULT:	neg	POS	POS	POS

Reviewed by: *Melina Henry* 10/10/18

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **09_181008U-MXP_1**

Batch Name: **EIA_20181009U_ASG**

Batch Name: **EIA_20181009U_ASG2**

Matrix: **Urine**

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	3.289	3.293	0 ng/mL	2.624	2.609	0 ng/mL	1.954	2.034	0 ng/mL	2.021	1.993	0 ng/mL	2.123	2.182	0 ng/mL	3.145	3.107
Blank-2		3.297			2.594			2.115			1.966			2.241			3.069	
Negative-1	100 ng/mL	1.583	1.543	150 ng/mL	1.11	1.017	50 ng/mL	1.125	1.151	75 ng/mL	1.364	1.333	10 ng/mL	1.413	1.404	250 ng/mL	2.113	2.057
Negative-2		1.503			0.924			1.177			1.303			1.396			2.002	
Calibrator-1	200 ng/mL	0.956	0.923	300 ng/mL	0.92	0.898	100 ng/mL	0.645	0.659	150 ng/mL	1.201	1.198	20 ng/mL	1.109	1.13	500 ng/mL	1.79	1.722
Calibrator-2		0.891			0.876			0.674			1.195			1.151			1.655	
Positive-1	400 ng/mL	0.556	0.526	900 ng/mL	0.592	0.599	300 ng/mL	0.431	0.404	300 ng/mL	1.104	1.071	60 ng/mL	0.617	0.597	1000 ng/mL	1.319	1.353
Positive-2		0.497			0.606			0.377			1.038			0.578			1.387	
Positive-3		0.439	0.439		0.55	0.55		0.37	0.37		1.074	1.074		0.597	0.597		1.223	1.223

CASE DATA:

Raw Data:	0.473	0.627	0.327	0.925	0.483	1.343
RESULT:	POS	POS	POS	POS	POS	POS

Reviewed by: Melanie Henry 10/17/18

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **09_181008U-MXP_1**
 Batch Name: **EIA_20181009U_ASG**
 Batch Name: **EIA_20181009U_ASG2** Matrix: **Urine**

CONTROL ID:	Methadone			Methamphetamine			Opiates			Phencyclidine		
	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	2.601	2.576	0 ng/mL	2.843	2.885	0 ng/mL	2.986	2.981	0 ng/mL	2.622	2.609
Blank-2		2.551			2.928			2.977			2.597	
Negative-1	150 ng/mL	0.806	0.773	100 ng/mL	1.391	1.341	100 ng/mL	0.653	0.632	12.5 ng/mL	1.016	1.02
Negative-2		0.74			1.292			0.611			1.024	
Calibrator-1	300 ng/mL	0.405	0.407	200 ng/mL	1.063	1.057	200 ng/mL	0.359	0.355	25 ng/mL	0.657	0.626
Calibrator-2		0.41			1.052			0.352			0.595	
Positive-1	600 ng/mL	0.228	0.239	400 ng/mL	0.774	0.765	400 ng/mL	0.219	0.224	50 ng/mL	0.362	0.360
Positive-2		0.251			0.757			0.23			0.359	
Positive-3		0.265	0.265		0.705	0.705		0.234	0.234		0.355	0.355

CASE DATA:

Raw Data:	0.245	0.687	0.209	0.362
RESULT:	POS	POS	POS	POS

Reviewed by: Melina Henry 10/10/18

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **10_181008U-MXP_2**
 Batch Name: **EIA_20181009U_ASG**
 Batch Name: **EIA_20181009U_ASG2** Matrix: **Urine**

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	3.289	3.293	0 ng/mL	2.624	2.609	0 ng/mL	1.954	2.034	0 ng/mL	2.021	1.993	0 ng/mL	2.123	2.182	0 ng/mL	3.145	3.107
Blank-2		3.297			2.594			2.115			1.966			2.241			3.069	
Negative-1	100 ng/mL	1.583	1.543	150 ng/mL	1.11	1.017	50 ng/mL	1.125	1.151	75 ng/mL	1.364	1.333	10 ng/mL	1.413	1.404	250 ng/mL	2.113	2.057
Negative-2		1.503			0.924			1.177			1.303			1.396			2.002	
Calibrator-1	200 ng/mL	0.956	0.923	300 ng/mL	0.92	0.898	100 ng/mL	0.645	0.659	150 ng/mL	1.201	1.198	20 ng/mL	1.109	1.13	500 ng/mL	1.79	1.722
Calibrator-2		0.891			0.876			0.674			1.195			1.151			1.655	
Positive-1	400 ng/mL	0.556	0.526	900 ng/mL	0.592	0.599	300 ng/mL	0.431	0.404	300 ng/mL	1.104	1.071	60 ng/mL	0.617	0.597	1000 ng/mL	1.319	1.353
Positive-2		0.497			0.606			0.377			1.038			0.578			1.387	
Positive-3		0.439	0.439		0.55	0.55		0.37	0.37		1.074	1.074		0.597	0.597		1.223	1.223

CASE DATA:

Raw Data:	0.507	0.651	0.288	1.002	0.488	1.324
RESULT:	POS	POS	POS	POS	POS	POS

Reviewed by:

Melanie Henry 10/17/18

Report Date: 10/10/2018 6:54:53 AM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **10_181008U-MXP_2**
 Batch Name: **EIA_20181009U_ASG**
 Batch Name: **EIA_20181009U_ASG2** Matrix: **Urine**

CONTROL ID:	Methadone			Methamphetamine			Opiates			Phencyclidine		
	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	2.601	2.576	0 ng/mL	2.843	2.885	0 ng/mL	2.986	2.981	0 ng/mL	2.622	2.609
Blank-2		2.551			2.928			2.977			2.597	
Negative-1	150 ng/mL	0.806	0.773	100 ng/mL	1.391	1.341	100 ng/mL	0.653	0.632	12.5 ng/mL	1.016	1.02
Negative-2		0.74			1.292			0.611			1.024	
Calibrator-1	300 ng/mL	0.405	0.407	200 ng/mL	1.063	1.057	200 ng/mL	0.359	0.355	25 ng/mL	0.657	0.626
Calibrator-2		0.41			1.052			0.352			0.595	
Positive-1	600 ng/mL	0.228	0.239	400 ng/mL	0.774	0.765	400 ng/mL	0.219	0.224	50 ng/mL	0.362	0.360
Positive-2		0.251			0.757			0.23			0.359	
Positive-3		0.265	0.265		0.705	0.705		0.234	0.234		0.355	0.355

CASE DATA:

Raw Data:	0.224	0.675	0.2	0.296
RESULT:	POS	POS	POS	POS

Reviewed by: Melanie Henry 10/17/18

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

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

Instrument: **TECAN-2**

Forensic Case Number: **05_181001U-Q-50_1**

Batch Name: **EIA_20181009U_ASG**

Batch Name: **EIA_20181009U_ASG2**

Matrix: **Urine**

CONTROL ID:	Oxycodone		
	conc	raw data	raw data mean
Blank-1	0 ng/mL	3.009	2.986
Blank-2		2.964	
Negative-1	50 ng/mL	1.5	1.496
Negative-2		1.493	
Calibrator-1	100 ng/mL	1.317	1.296
Calibrator-2		1.276	
Positive-1	200 ng/mL	1.014	1.016
Positive-2		1.018	
Positive-3		0.987	0.987

CASE DATA:

Raw Data: **1.388**

RESULT: **neg**

Reviewed by: Melvin Henry 10/17/18

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

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

Instrument: **TECAN-2**

Forensic Case Number: **06_181001U-Q-50_2**

Batch Name: **EIA_20181009U_ASG**

Batch Name: **EIA_20181009U_ASG2**

Matrix: **Urine**

CONTROL ID:	Oxycodone		
	conc	raw data	raw data mean
Blank-1	0 ng/mL	3.009	2.986
Blank-2		2.964	
Negative-1	50 ng/mL	1.5	1.496
Negative-2		1.493	
Calibrator-1	100 ng/mL	1.317	1.296
Calibrator-2		1.276	
Positive-1	200 ng/mL	1.014	1.016
Positive-2		1.018	
Positive-3		0.987	0.987

CASE DATA:

Raw Data: **1.385**

RESULT: **neg**

Reviewed by:  **Melina Henry** 10/17/18

Report Date: 10/10/2018 6:54:53 AM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

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

Instrument: **TECAN-2**

Forensic Case Number: **07_181004U-C-100_1**

Batch Name: **EIA_20181009U_ASG**

Batch Name: **EIA_20181009U_ASG2**

Matrix: **Urine**

Oxycodone

CONTROL ID:

	conc	raw data	raw data mean
Blank-1	0 ng/mL	3.009	2.986
Blank-2		2.964	
Negative-1	50 ng/mL	1.5	1.496
Negative-2		1.493	
Calibrator-1	100 ng/mL	1.317	1.296
Calibrator-2		1.276	
Positive-1	200 ng/mL	1.014	1.016
Positive-2		1.018	
Positive-3		0.987	0.987

CASE DATA:

Raw Data: **1.254**

RESULT: **POS**

Reviewed by:  **Melinda Henry** 10/17/18

Report Date: 10/10/2018 6:54:53 AM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

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

Instrument: **TECAN-2**

Forensic Case Number: **08_181004U-C-100_2**

Batch Name: **EIA_20181009U_ASG**

Batch Name: **EIA_20181009U_ASG2**

Matrix: **Urine**

CONTROL ID:	Oxycodone		
	conc	raw data	raw data mean
Blank-1	0 ng/mL	3.009	2.986
Blank-2		2.964	
Negative-1	50 ng/mL	1.5	1.496
Negative-2		1.493	
Calibrator-1	100 ng/mL	1.317	1.296
Calibrator-2		1.276	
Positive-1	200 ng/mL	1.014	1.016
Positive-2		1.018	
Positive-3		0.987	0.987

CASE DATA:

Raw Data:	1.244
RESULT:	POS

Reviewed by:

Melanie Henry 10/10/18

Report Date: 10/10/2018 6:54:53 AM

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

Analyst Name: **Andrea Gooden, M.S.** Instrument: **TECAN-2** Forensic Case Number: **09_181008U-Q-200_1**
Batch Name: **EIA_20181009U_ASG**
Batch Name: **EIA_20181009U_ASG2** Matrix: **Urine**

CONTROL ID:	Oxycodone		
	conc	raw data	raw data mean
Blank-1	0 ng/mL	3.009	2.986
Blank-2		2.964	
Negative-1	50 ng/mL	1.5	1.496
Negative-2		1.493	
Calibrator-1	100 ng/mL	1.317	1.296
Calibrator-2		1.276	
Positive-1	200 ng/mL	1.014	1.016
Positive-2		1.018	
Positive-3		0.987	0.987

CASE DATA:

Raw Data: **1.009**
RESULT: **POS**

Reviewed by: Melina Henry 10/17/18

Houston Forensic Science Center - Toxicology

Immunoassay Case Summary Report

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

Instrument: **TECAN-2**

Forensic Case Number: **10_181008U-Q-200_2**

Batch Name: **EIA_20181009U_ASG**

Batch Name: **EIA_20181009U_ASG2**

Matrix: **Urine**

CONTROL ID:	Oxycodone		
	conc	raw data	raw data mean
Blank-1	0 ng/mL	3.009	2.986
Blank-2		2.964	
Negative-1	50 ng/mL	1.5	1.496
Negative-2		1.493	
Calibrator-1	100 ng/mL	1.317	1.296
Calibrator-2		1.276	
Positive-1	200 ng/mL	1.014	1.016
Positive-2		1.018	
Positive-3		0.987	0.987

CASE DATA:

Raw Data: **1.031**
RESULT: **POS**

Reviewed by: Melanie Henry 10/17/18

Report Date: 10/10/2018 6:54:53 AM