



# Houston Forensic Science Center

Comparative and Analytical Division - Toxicology

## Immunoassay Batch Review Checklist

Batch Name: <u>EIA-20180829B-CLR</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	N/A	n/a
	Verify results on Immunoassay Case Summary Report against Magellan data	↓	n/a
	Verify analyst, matrix, instrument, and batch name(s)	↓	n/a
	Verify forensic case number and item tested	↓	n/a
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		✓	✓

*me*

Houston Forensic Science Center

Comparative and Analytical Division - Toxicology

Notes from Technical Review

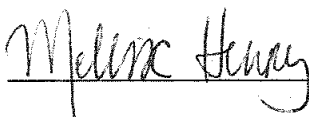
EIA-20180829B-CLR

n/a 8/30/18 mh

Analyst Review

Technical Review

Signature/Date:  08/29/18

Signature/Date:  8/30/18





EIA\_20180829B\_CLR      PBS: 040918-PBS7      Pipettes: 235D, 5581, 0413

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 E34223 1	X	X	X	X	X	X	X	X	X
10 E34223 2	X	X	X	X	X	X	X	X	X
11 180820-PBS7 1	X	X	X	X	X	X	X	X	X
12 180820-PBS7 2	X	X	X	X	X	X	X	X	X
13 180824-PBS7 1	X	X	X	X	X	X	X	X	X
14 180824-PBS7 2	X	X	X	X	X	X	X	X	X
15 180824I-PBS7 1	X	X	X	X	X	X	X	X	X
16 180824I-PBS7 2	X	X	X	X	X	X	X	X	X
17 E33319 1	X	X	X	X	X	X	X	X	X
18 E33319 2	X	X	X	X	X	X	X	X	X
19 Positive-3	X	X	X	X	X	X	X	X	X

Sequence verified VC 8/29/18

EM

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 E34223 1	X	X
10 E34223 2	X	X
11 180820-PBS7 1	X	X
12 180820-PBS7 2	X	X
13 180824-PBS7 1	X	X
14 180824-PBS7 2	X	X
15 180824I-PBS7 1	X	X
16 180824I-PBS7 2	X	X
17 E33319 1	X	X
18 E33319 2	X	X
19 Positive-3	X	X

*ew*

Wednesday, August 29, 2018 12:49:58 PM

Houston

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EIA\_20180829B\_CLR2      PBS: 040918-PBS7      Pipettes: 235D, 5581, 0413

	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	E34223 1	X
10	E34223 2	X
11	180820-PBS7 1	X
12	180820-PBS7 2	X
13	180824-PBS7 1	X
14	180824-PBS7 2	X
15	180824I-PBS7 1	X
16	180824I-PBS7 2	X
17	E33319 1	X
18	E33319 2	X
19	Positive-3	X

Verified 8/29/2018 aay

emc

**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
<i>AMP</i> A1	209	Blank-1	3.302	3.3175	0.66075	99.533	100	
B1	209	Blank-2	3.333			100.47		
C1	209	Negative-1	3.131	3.0865	2.039	94.378	93.037	
D1	209	Negative-2	3.042			91.696		
E1	209	Calibrator-1	2.512	2.4855	1.5078	75.72	74.921	
F1	209	Calibrator-2	2.459			74.122		
G1	209	Positive-1	1.727	1.587	12.476	52.057	47.837	
H1	209	Positive-2	1.447			43.617		
A2	209	E34223 1	3.315	3.315		99.925	99.925	neg
B2	209	E34223 2	3.417	3.417		103	103	neg
C2	209	180820-PBS7 1	3.37	3.37		101.58	101.58	neg
D2	209	180820-PBS7 2	3.393	3.393		102.28	102.28	neg
E2	209	180824-PBS7 1	3.367	3.367		101.49	101.49	neg
F2	209	180824-PBS7 2	3.343	3.343		100.77	100.77	neg
G2	209	180824I-PBS7 1	3.375	3.375		101.73	101.73	neg
H2	209	180824I-PBS7 2	3.37	3.37		101.58	101.58	neg
A3	209	E33319 1	3.507	3.507		105.71	105.71	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	E33319 2	3.521	3.521		106.13	106.13	neg
C3	209	Positive-3	1.851	1.851		55.795	55.795	POS ✓
<i>BALB</i> A4	210	Blank-1	2.804	2.863	2.9144	97.939	100	
B4	210	Blank-2	2.922			102.06		
C4	210	Negative-1	1.644	1.6275	1.4338	57.422	56.846	
D4	210	Negative-2	1.611			56.27		
E4	210	Calibrator-1	1.234	1.188	5.4759	43.102	41.495	
F4	210	Calibrator-2	1.142			39.888		
G4	210	Positive-1	0.921	0.921	0	32.169	32.169	
H4	210	Positive-2	0.921			32.169		
A5	210	E34223 1	2.809	2.809		98.114	98.114	neg
B5	210	E34223 2	2.869	2.869		100.21	100.21	neg
C5	210	180820-PBS7 1	2.939	2.939		102.65	102.65	neg
D5	210	180820-PBS7 2	2.987	2.987		104.33	104.33	neg
E5	210	180824-PBS7 1	2.844	2.844		99.336	99.336	neg
F5	210	180824-PBS7 2	2.817	2.817		98.393	98.393	neg
G5	210	180824I-PBS7 1	2.788	2.788		97.38	97.38	neg
H5	210	180824I-PBS7 2	2.635	2.635		92.036	92.036	neg
A6	210	E33319 1	2.91	2.91		101.64	101.64	neg
B6	210	E33319 2	2.907	2.907		101.54	101.54	neg
C6	210	Positive-3	0.944	0.944		32.972	32.972	POS ✓

**Attention! One or more validation criteria failed!**

**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 --> FALSE

**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**

	1	2	3	4	5	6	7
<i>BZ</i> A1	214	Blank-1	2.282	2.3	1.1068	99.217	100
B1	214	Blank-2	2.318			100.78	
C1	214	Negative-1	1.785	1.7585	2.1312	77.609	76.457
D1	214	Negative-2	1.732			75.304	
E1	214	Calibrator-1	1.308	1.293	1.6406	56.87	56.217
F1	214	Calibrator-2	1.278			55.565	
G1	214	Positive-1	1.173	1.258	9.5555	51	54.696
H1	214	Positive-2	1.343			58.391	
A2	214	E34223 1	2.134	2.134		92.783	92.783
B2	214	E34223 2	2.303	2.303		100.13	100.13
C2	214	180820-PBS7 1	2.29	2.29		99.565	99.565
D2	214	180820-PBS7 2	2.306	2.306		100.26	100.26
E2	214	180824-PBS7 1	2.345	2.345		101.96	101.96
F2	214	180824-PBS7 2	2.257	2.257		98.13	98.13
G2	214	180824I-PBS7 1	2.372	2.372		103.13	103.13
H2	214	180824I-PBS7 2	2.379	2.379		103.43	103.43

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*EM*

- 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

\* Due to high abs and % binding of Pos-2, average % values of calibrator and controls do not follow correct order of Blank > Neg > Cal > Pos. However, because purpose of run is to show blank blood and new lots of PBS are negative for use on <sup>EURO</sup> 812418 for all analytes, this data shows blood and PBS lots are fit for use. <sup>EURO</sup> 0812418

*B/E*

	1	2	3	4	5	6	7
A3	214	E33319 1	2.423	2.423		105.35	105.35
B3	214	E33319 2	2.418	2.418		105.13	105.13
C3	214	Positive-3	1.234	1.234		53.652	53.652 ✓
A4	206	Blank-1	2.921	2.9665	2.1691	98.466	100
B4	206	Blank-2	3.012			101.53	
C4	206	Negative-1	1.672	1.6625	0.80812	56.363	56.042
D4	206	Negative-2	1.653			55.722	
E4	206	Calibrator-1	1.566	1.563	0.27144	52.789	52.688
F4	206	Calibrator-2	1.56			52.587	
G4	206	Positive-1	1.285	2.093	54.596	43.317	70.555 *
H4	206	Positive-2 *	2.901			97.792	
A5	206	E34223 1	2.743	2.743		92.466	92.466
B5	206	E34223 2	2.796	2.796		94.252	94.252
C5	206	180820-PBS7 1	2.856	2.856		96.275	96.275
D5	206	180820-PBS7 2	2.868	2.868		96.68	96.68
E5	206	180824-PBS7 1	2.828	2.828		95.331	95.331
F5	206	180824-PBS7 2	2.756	2.756		92.904	92.904
G5	206	180824I-PBS7 1	2.655	2.655		89.499	89.499
H5	206	180824I-PBS7 2	2.75	2.75		92.702	92.702
A6	206	E33319 1	2.993	2.993		100.89	100.89
B6	206	E33319 2	2.908	2.908		98.028	98.028
C6	206	Positive-3	1.117	1.117		37.654	37.654 ✓

**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
THC A1	205	Blank-1	3.113	3.1445	1.4167	98.998	100	
B1	205	Blank-2	3.176			101		
C1	205	Negative-1	2.545	2.557	0.66369	80.935	81.317	
D1	205	Negative-2	2.569			81.698		
E1	205	Calibrator-1	1.977	1.9595	1.263	62.872	62.315	
F1	205	Calibrator-2	1.942			61.759		
G1	205	Positive-1	0.897	0.937	6.0372	28.526	29.798	
H1	205	Positive-2	0.977			31.07		
A2	205	E34223 1	2.978	2.978		94.705	94.705	neg
B2	205	E34223 2	2.977	2.977		94.673	94.673	neg
C2	205	180820-PBS7 1	3.056	3.056		97.186	97.186	neg
D2	205	180820-PBS7 2	3.115	3.115		99.062	99.062	neg
E2	205	180824-PBS7 1	3.034	3.034		96.486	96.486	neg
F2	205	180824-PBS7 2	3.114	3.114		99.03	99.03	neg
G2	205	180824I-PBS7 1	3.07	3.07		97.631	97.631	neg
H2	205	180824I-PBS7 2	3.054	3.054		97.122	97.122	neg
A3	205	E33319 1	3.119	3.119		99.189	99.189	neg

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RUC

**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	E33319 2	3.157	3.157		100.4	100.4	neg
C3	205	Positive-3	1.012	1.012		32.183	32.183	POS ✓
<i>CAR</i> A4	231	Blank-1	3.026	3.0635	1.7311	98.776	100	
B4	231	Blank-2	3.101			101.22		
C4	231	Negative-1	1.97	1.9705	0.035885	64.306	64.322	
D4	231	Negative-2	1.971			64.338		
E4	231	Calibrator-1	1.243	1.262	2.1292	40.575	41.195	
F4	231	Calibrator-2	1.281			41.815		
G4	231	Positive-1	0.925	0.948	3.4311	30.194	30.945	
H4	231	Positive-2	0.971			31.696		
A5	231	E34223 1	2.961	2.961		96.654	96.654	neg
B5	231	E34223 2	2.95	2.95		96.295	96.295	neg
C5	231	180820-PBS7 1	3.057	3.057		99.788	99.788	neg
D5	231	180820-PBS7 2	3.029	3.029		98.874	98.874	neg
E5	231	180824-PBS7 1	2.871	2.871		93.716	93.716	neg
F5	231	180824-PBS7 2	2.919	2.919		95.283	95.283	neg
G5	231	180824I-PBS7 1	2.98	2.98		97.274	97.274	neg
H5	231	180824I-PBS7 2	3.053	3.053		99.657	99.657	neg
A6	231	E33319 1	3.001	3.001		97.96	97.96	neg
B6	231	E33319 2	2.947	2.947		96.197	96.197	neg
C6	231	Positive-3	0.903	0.903		29.476	29.476	POS ✓

EIA\_20180829B\_CAR  
*RUC*

**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
MTDN A1	232	Blank-1	2.881	2.905	1.1684	99.174	100	
B1	232	Blank-2	2.929			100.83		
C1	232	Negative-1	1.398	1.421	2.289	48.124	48.916	
D1	232	Negative-2	1.444			49.707		
E1	232	Calibrator-1	0.902	0.8795	3.6179	31.05	30.275	
F1	232	Calibrator-2	0.857			29.501		
G1	232	Positive-1	0.621	0.6085	2.9051	21.377	20.947	
H1	232	Positive-2	0.596			20.516		
A2	232	E34223 1	2.856	2.856		98.313	98.313	neg
B2	232	E34223 2	3.213	3.213		110.6	110.6	neg
C2	232	180820-PBS7 1	2.945	2.945		101.38	101.38	neg
D2	232	180820-PBS7 2	2.869	2.869		98.761	98.761	neg
E2	232	180824-PBS7 1	2.998	2.998		103.2	103.2	neg
F2	232	180824-PBS7 2	2.889	2.889		99.449	99.449	neg
G2	232	180824I-PBS7 1	3.007	3.007		103.51	103.51	neg
H2	232	180824I-PBS7 2	2.897	2.897		99.725	99.725	neg
A3	232	E33319 1	2.738	2.738		94.251	94.251	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

METH

	1	2	3	4	5	6	7	8
B3	232	E33319 2	2.795	2.795		96.213	96.213	neg
C3	232	Positive-3	0.507	0.507		17.453	17.453	POS ✓
A4	211	Blank-1	2.866	2.828	1.9003	101.34	100	
B4	211	Blank-2	2.79			98.656		
C4	211	Negative-1	1.593	1.6345	3.5907	56.33	57.797	
D4	211	Negative-2	1.676			59.264		
E4	211	Calibrator-1	1.296	1.307	1.1902	45.827	46.216	
F4	211	Calibrator-2	1.318			46.605		
G4	211	Positive-1	1.031	1.029	0.27487	36.457	36.386	
H4	211	Positive-2	1.027			36.315		
A5	211	E34223 1	2.834	2.834		100.21	100.21	neg
B5	211	E34223 2	2.689	2.689		95.085	95.085	neg
C5	211	180820-PBS7 1	2.706	2.706		95.686	95.686	neg
D5	211	180820-PBS7 2	2.812	2.812		99.434	99.434	neg
E5	211	180824-PBS7 1	2.759	2.759		97.56	97.56	neg
F5	211	180824-PBS7 2	2.701	2.701		95.509	95.509	neg
G5	211	180824I-PBS7 1	2.875	2.875		101.66	101.66	neg
H5	211	180824I-PBS7 2	2.744	2.744		97.03	97.03	neg
A6	211	E33319 1	2.913	2.913		103.01	103.01	neg
B6	211	E33319 2	2.84	2.84		100.42	100.42	neg
C6	211	Positive-3	0.9	0.9		31.825	31.825	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

	1	2	3	4	5	6	7	8
OPI A1	207	Blank-1	3.204	3.2175	0.59338	99.58	100	
B1	207	Blank-2	3.231			100.42		
C1	207	Negative-1	1.701	1.7815	6.3904	52.867	55.369	
D1	207	Negative-2	1.862			57.871		
E1	207	Calibrator-1	1.157	1.1565	0.061142	35.96	35.944	
F1	207	Calibrator-2	1.156			35.929		
G1	207	Positive-1	0.808	0.7785	5.3589	25.113	24.196	
H1	207	Positive-2	0.749			23.279		
A2	207	E34223 1	3.276	3.276		101.82	101.82	neg
B2	207	E34223 2	3.339	3.339		103.78	103.78	neg
C2	207	180820-PBS7 1	3.333	3.333		103.59	103.59	neg
D2	207	180820-PBS7 2	3.265	3.265		101.48	101.48	neg
E2	207	180824-PBS7 1	3.137	3.137		97.498	97.498	neg
F2	207	180824-PBS7 2	3.044	3.044		94.608	94.608	neg
G2	207	180824I-PBS7 1	3.048	3.048		94.732	94.732	neg
H2	207	180824I-PBS7 2	3.039	3.039		94.452	94.452	neg
A3	207	E33319 1	3.238	3.238		100.64	100.64	neg

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*EMC*



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	E33319 2	3.409	3.409		105.95	105.95	neg
C3	207	Positive-3	0.919	0.919		28.563	28.563	POS ✓
<i>PUP</i> A4	208	Blank-1	3.164	3.166	0.089338	99.937	100	
B4	208	Blank-2	3.168			100.06		
C4	208	Negative-1	1.282	1.2685	1.5051	40.493	40.066	
D4	208	Negative-2	1.255			39.64		
E4	208	Calibrator-1	0.865	0.8385	4.4695	27.322	26.485	
F4	208	Calibrator-2	0.812			25.648		
G4	208	Positive-1	0.582	0.576	1.4731	18.383	18.193	
H4	208	Positive-2	0.57			18.004		
A5	208	E34223 1	3.013	3.013		95.167	95.167	neg
B5	208	E34223 2	3.036	3.036		95.894	95.894	neg
C5	208	180820-PBS7 1	3.01	3.01		95.073	95.073	neg
D5	208	180820-PBS7 2	2.916	2.916		92.104	92.104	neg
E5	208	180824-PBS7 1	2.835	2.835		89.545	89.545	neg
F5	208	180824-PBS7 2	2.861	2.861		90.366	90.366	neg
G5	208	180824I-PBS7 1	2.935	2.935		92.704	92.704	neg
H5	208	180824I-PBS7 2	2.782	2.782		87.871	87.871	neg
A6	208	E33319 1	3.03	3.03		95.704	95.704	neg
B6	208	E33319 2	3.058	3.058		96.589	96.589	neg
C6	208	Positive-3	0.568	0.568		17.941	17.941	POS ✓

**QC Validation criteria**

Exp. Group Num 1

QC Validation criteria : Difference data

NCI>LPC1 --> TRUE

LPC1>PCI --> TRUE

PCI>HPCI --> 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
20LP A1	233	Blank-1	3.007	2.942	3.1245	102.21	100	
B1	233	Blank-2	2.877			97.791		
C1	233	Negative-1	1.878	1.8905	0.93508	63.834	64.259	
D1	233	Negative-2	1.903			64.684		
E1	233	Calibrator-1	1.505	1.503	0.18819	51.156	51.088	
F1	233	Calibrator-2	1.501			51.02		
G1	233	Positive-1	1.346	1.324	2.3499	45.751	45.003	
H1	233	Positive-2	1.302			44.256		
A2	233	E34223 1	3	3		101.97	101.97	neg
B2	233	E34223 2	2.899	2.899		98.538	98.538	neg
C2	233	180820-PBS7 1	2.869	2.869		97.519	97.519	neg
D2	233	180820-PBS7 2	3.076	3.076		104.55	104.55	neg
E2	233	180824-PBS7 1	2.966	2.966		100.82	100.82	neg
F2	233	180824-PBS7 2	2.991	2.991		101.67	101.67	neg
G2	233	180824I-PBS7 1	3.021	3.021		102.69	102.69	neg
H2	233	180824I-PBS7 2	2.957	2.957		100.51	100.51	neg
A3	233	E33319 1	3.154	3.154		107.21	107.21	neg
B3	233	E33319 2	2.892	2.892		98.3	98.3	neg
C3	233	Positive-3	1.197	1.197		40.687	40.687	POS ✓

**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
<i>Oxy-B</i> A1	222	Blank-1	3.272	3.2855	0.5811	99.589	100	
B1	222	Blank-2	3.299			100.41		
C1	222	Negative-1	1.634	1.675	3.4617	49.734	50.982	
D1	222	Negative-2	1.716			52.229		
E1	222	Calibrator-1	0.848	0.8615	2.2161	25.81	26.221	
F1	222	Calibrator-2	0.875			26.632		
G1	222	Positive-1	0.442	0.4585	5.0893	13.453	13.955	
H1	222	Positive-2	0.475			14.457		
A2	222	E34223 1	3.363	3.363		102.36	102.36	neg
B2	222	E34223 2	3.336	3.336		101.54	101.54	neg
C2	222	180820-PBS7 1	3.366	3.366		102.45	102.45	neg
D2	222	180820-PBS7 2	3.36	3.36		102.27	102.27	neg
E2	222	180824-PBS7 1	3.286	3.286		100.02	100.02	neg
F2	222	180824-PBS7 2	3.27	3.27		99.528	99.528	neg
G2	222	1808241-PBS7 1	3.272	3.272		99.589	99.589	neg
H2	222	1808241-PBS7 2	3.297	3.297		100.35	100.35	neg
A3	222	E33319 1	3.362	3.362		102.33	102.33	neg
B3	222	E33319 2	3.391	3.391		103.21	103.21	neg
C3	222	Positive-3	0.44	0.44		13.392	13.392	POS ✓

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