Sample Summary Report
Immunoassay (Monthly) Program

Cycle 14
Dec 2016 − Dec 2017
Sample No: 10
Sample Date: 10 Oct 17
Lot No: 231300

BIO·RAD

Lab 008907
LIFELINE LABORATORY
H−11 GREEN PARK EXTENTION
NEW DELHI
NEW DELHI NEW DELHI 110016
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EQAS
External Quality Assurance Services

Instrument: Siemens ADVIA Centaur Systems

	Analyte	Unit	Result	Mean	Z−score	RMZ	Comparator
✔	25−OH−Vitamin D (Total)	nmol/L	45.5	34.9	1.45	−0.09	Peer
✔	AFP	ng/mL	42.3	39.8	1.04	−0.47	Peer
✔	CA 125	IU/mL	85.4	81.8	0.73	0.82	Peer
☞	CA 15−3						
✔	CA 19−9	IU/mL	54.8*	60.7	−1.04	−0.94	Peer
✔	CEA	ng/mL	25	26.2	−0.66	−0.67	Peer
✔	Cortisol	µg/dL	7.12*	6.71	0.90	0.39	Peer
✔	Estradiol−6, E6	pg/mL	46.1	35.9	1.75	0.74	Method
✔	Ferritin	ng/mL	434.9	506	−1.53	−0.89	Peer
✔	Folate	ng/mL	17.9*	15.7	1.51	−0.74	Peer
✔	FSH	mIU/mL	6.7*	7.45	−1.65	0.27	Peer
✔	IgE	IU/mL	195.9*	178	1.91	0.91	Peer
✔	Insulin	µIU/mL	13	14.3	−0.66	−0.70	Peer
✔	Luteinizing Hormone	mIU/mL	2.4*	2.62	−1.71	−0.82	Peer
1	Phenytoin	µg/mL	6.4	5.76	1.05	0.35	Peer
✔	Progesterone	ng/mL	15.2	16.4	−1.12	−0.03	Peer
✔	Prolactin	ng/mL	29.1	31.5	−1.26	0.05	Peer
✔	PSA, Free	ng/mL	2.4*	2.51	−1.47	−0.17	Peer
✔	PSA, Total	ng/mL	18.2	19.7	−1.53	−1.08	Peer
✔	PTH, Intact	pg/mL	302*	265	1.24	0.33	Peer
✔	T3, Free	pmol/L	5	5.33	−1.95	−0.29	Peer
✔	T4, Free	pmol/L	11.7*	10.7	1.28	−0.02	Peer
✔	Testosterone	ng/mL	1.1	1.11	−0.06	−0.17	Peer
✔	TSH	µIU/mL	0.93*	1.01	−1.96	−1.03	Peer
1	Valproic Acid	µg/mL	138	145	−1.48	−1.18	Peer
✔	Vitamin B12	pg/mL	385	415	−0.90	0.23	Peer

Instrument: Siemens IMMULITE 2000/XPi

	Analyte	Unit	Result	Mean	Z−score	RMZ	Comparator
✔	hCG	mIU/mL	8006	9684	−1.77	−1.19	Peer

Instrument: Siemens IMMULITE/1000

	Analyte	Unit	Result	Mean	Z−score	RMZ	Comparator
✔	DHEA−Sulfate	µg/dL	45.1	43.4	0.34	−0.66	Peer

Legend: ✔ No Warnings   ☞ Missing Result   1 Late Results   ▽ 2.0 ≤ |Z−score| < 3.0   ✗ |Z−score| ≥ 3.0

* Amended Result (per participant's request)   ¤ Non−robust determination of Mean and SD

Problem Classification:_____

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Corrective Action: _____

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Reviewed by: _____   **Date:** _____

¹ Expanded uncertainty coverage factor, k=2
Revised 26 Oct 2017