

Supplementary Table 2. Result of unit sizes by participating institutions

Analyte	No. of responses		Reporting unit (No. of responses)				
	Total responses	Institutions with the in-house tests	Whole number	1st decimal place	2nd decimal place	3rd decimal place	Others
25-OH Vitamin D, Total	92	86	11	43	32	0	0
Adenosine deaminase	94	83	27	55	1	0	0
Adrenocorticotrophic hormone	88	69	8	32	29	0	0
Alanine Aminotransferase	94	94	92	1	1	0	0
Albumin	94	94	2	86	6	0	0
Alkaline phosphatase	94	94	91	2	1	0	0
Alpha-fetoprotein	94	93	3	43	47	0	0
Ammonia	94	93	76	13	3	1	0
Amylase	93	93	87	5	1	0	0
Antimicrobial antibody	89	72	8	44	20	0	0
Anti-Mullerian hormone	90	62	5	9	45	3	0
Anti-thyroglobulin antibody	88	70	12	39	19	0	0
Apolipoprotein A1	91	82	50	28	4	0	0
Apolipoprotein B	91	83	54	26	3	0	0
Aspartate aminotransferase	94	94	92	1	1	0	0
Bilirubin, direct	94	94	0	49	45	0	0
Bilirubin, total	94	94	0	53	41	0	0
Blood Urea Nitrogen	94	94	29	64	1	0	0
B-type natriuretic peptide	87	56	21	25	8	1	1
CA 125	94	91	11	59	21	0	0
CA 15-3	92	80	3	51	26	0	0
CA 19-9	94	92	9	44	36	2	1
Carcinoembryonic antigen	94	92	4	41	45	1	1
Chloride	94	94	80	12	2	0	0
CK-MB	94	93	7	35	47	4	0
Complement C3	92	79	44	27	8	0	0
Complement C4	92	79	42	28	9	0	0
Cortisol	87	73	3	34	36	0	0
C-peptide	89	76	3	21	48	4	0
C-reactive protein	93	89	1	38	46	4	0
C-reactive protein (high-sensitivity)	66	43	1	16	18	7	1
Creatine kinase	92	91	84	5	2	0	0
Creatinine	94	94	3	18	73	0	0
Cystatin C	90	78	2	10	64	2	0
Estradiol	87	77	11	40	26	0	0
Ferritin	92	90	19	44	27	0	0
Folic acid	90	84	3	36	45	0	0
Follicle-stimulating hormone	88	76	1	35	40	0	0
Gamma-glutamyl transferase	94	93	88	4	1	0	0
Glucose	94	93	89	3	1	0	0
Glycated albumin	88	69	12	52	5	0	0
HbA1c-eAG	86	46	32	11	3	0	0
HbA1c-IFCC	86	45	29	13	3	0	0
HbA1c-NGSP	93	87	3	81	3	0	0
HDL cholesterol	94	94	88	5	1	0	0
Homocysteine	91	84	13	44	27	0	0
Human epididymis protein 4	90	65	2	41	22	0	0
Human growth hormone	86	61	1	13	45	0	2
IgE, total	92	79	19	47	12	0	1
Immunoglobulin A	93	80	55	18	7	0	0

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Supplementary Table 2. Continued

Analyte	No. of responses		Reporting unit (No. of responses)				
	Total responses	Institutions with the in-house tests	Whole number	1st decimal place	2nd decimal place	3rd decimal place	Others
Immunoglobulin G	93	80	57	17	6	0	0
Immunoglobulin M	92	79	53	19	7	0	0
Insulin	89	77	5	39	31	1	1
Insulin-like growth factor 1	86	57	14	40	3	0	0
Iron	93	93	85	6	2	0	0
K (potassium)	93	93	4	82	7	0	0
Lactate dehydrogenase	94	94	90	3	1	0	0
LDL cholesterol, calculated	90	71	63	7	1	0	0
LDL cholesterol, measured	93	92	86	5	1	0	0
Lipase	94	94	79	14	1	0	0
Lipoprotein(a)	89	78	30	43	5	0	0
Luteinizing hormone	88	75	2	29	43	0	1
Magnesium	92	90	4	58	28	0	0
Na (sodium)	93	93	78	13	2	0	0
Neuron specific enolase	88	64	1	42	21	0	0
NGAL	86	41	20	18	3	0	0
NT-proBNP	92	85	36	32	15	0	2
p2PSA	84	28	1	5	18	2	2
Parathyroid hormone (intact)	93	85	11	52	19	3	0
Phosphorus	94	93	2	85	6	0	0
PIVKA II	92	76	38	18	20	0	0
Procalcitonin	91	87	1	16	52	16	2
Prolactin	87	74	1	23	47	2	1
Prostate health index	83	33	3	16	11	2	1
PSA, free	90	74	0	10	45	17	2
PSA, free (%)	82	37	4	12	19	1	1
PSA, total	93	90	1	14	48	25	2
Rheumatoid factor	93	91	33	51	6	0	1
ROMA index	86	55	1	44	7	1	2
SCC antigen	87	59	1	40	17	1	0
Testosterone	89	78	3	10	48	15	2
Thyroglobulin antigen	87	66	2	22	37	4	1
Thyroxine, free	93	88	0	8	72	8	0
Thyroxine, total	89	73	1	34	36	2	0
TIBC	94	90	86	2	2	0	0
Total calcium	94	94	3	85	6	0	0
Total cholesterol	93	93	87	5	1	0	0
Total CO2	93	87	39	47	1	0	0
Total hCG	89	74	6	46	17	4	1
Total protein	94	94	3	86	5	0	0
Triglyceride	94	93	86	6	1	0	0
Triiodothyronine	91	86	5	21	55	5	0
Troponin I, conventional	84	33	1	8	19	3	2
Troponin I, high-sensitive	87	56	0	17	24	12	3
Troponin T, high-sensitive	88	53	4	4	9	36	0
TSH	94	91	1	9	49	26	6
TSH receptor antibody	88	68	2	13	48	4	1
UIBC	92	82	73	7	1	0	1
Uric acid	94	94	4	87	3	0	0
Vitamin B12	91	85	56	15	13	0	1