

**Monobind Assay Types**

With CLIA methodology: No stop solution, and reduced incubation times.



\*After Extraction (If Required)

Monobind Assay Summary

Diagnostic Area Analyte	ITEM#	ASSAY TYPE	PLATE SYSTEM Ab/Ag Strept	BINDING Comp Sand	STEPS 1-Equil 2-Sequ	SAMPLE VOL µl	SAMPLE Dilution	ELISA Sub	ELISA Manual Incubation TIME	CLIA Manual Incubation TIME
<b>ALLERGY &amp; ANEMIA</b>										
1	IgE	2500	4	S		2S	25	A + B	30+30+15 Min	30+30+5 Min
2	Ferritin	2800	4	S		2S	25	A + B	30+30+15 Min	30+30+5 Min
3	Folate	7500	8	S	C	1E	50	Sn	45+20 Min	45+5 Min
4	Folate & Vit B12	7800	8&9	S	C	1E	2S	Sn	Fol: 45+20 Min Vit B12: 45+30+20 Min	Fol: 45+5 Min Vit B12: 45+30+5 Min
5	sTFR	8600	4	S		2S	10	SC	45+30+15 Min	30+30+5 Min
6	Vitamin B12	7600	9	S	C	2S	50	Sn	45+30+20Min	45+30+5Min
<b>BONE METABOLISM</b>										
7	Calcitonin	9300	2	Ab		1E	50	Sn	60+20 Min	45+5 Min
8	PTH Intact	9000	2	Ab		1E	50	Sn	60+20 Min	45+5 Min
9	PTH Whole & Intact	10000	2	Ab		1E	50 each	Sn	PTH Intact: 60+20 Min PTH Whole: 75+20 Min	PTH Intact: 45+5 Min PTH Whole: 60+5 Min
10	Vitamin D Direct	9400	6	Ab	C	2S	25	Sn	30+30+20 Min	30+30+5 Min
<b>CANCER MARKERS</b>										
11	AFP	1900	3	S		1E	25	A + B	60+15 Min	45+5 Min
12	AFP, CEA, PSA	8400	3	S		1E	25 each	A + B	60+15 Min	45+5 Min
13	CA-125	3000	3	S		1E	25	A + B	60+15 Min	45+5 Min
14	CA 15-3	5600	4	S		2S	25	1:21 Sn	60+60+20 Min	30+45+5 Min
15	CA 19-9	3900	4	S		2S	25	A + B	60+60+15 Min	30+45+5 Min
16	CEA/CEA Nxt Gen	1800 / 4600	3	S		1E	25	A + B	60+15 Min	45+5 Min
17	fbhCG	10200	4	S		2S	25	1:100 A + B	30+30+15 Min	30+30+5 Min
18	PSA/PSA XS	2100 / 8700	3	S		1E	25	A + B	30+15 Min	30+5 Min
19	Free PSA	2300	3	S		1E	50	A + B	60+15 Min	45+5 Min
<b>CARDIAC MARKERS</b>										
20	DIG	900	7	S	C	1E	25	A + B	30+15 Min	30+5 Min
21	CKMB	2900	3	S		1E	25	A + B	15+15 Min	15+5 Min
22	cTnl	3800	2	Ab		1E	25	A + B	15+15 Min	15+5 Min
23	HS-CRP	3100	3	S		1E	25	1:200 A + B	15+15 Min	15+5 Min
24	Myoglobin	3200	3	S		1E	25	A + B	15+15 Min	15+5 Min
<b>DIABETES</b>										
25	C-peptide	2700	3	S		1E	50	A + B	120+15 Min	60+5 Min
26	C-peptide & Insulin	7300	3	S		1E	50 each	A + B	120+15 Min	60+5 Min
27	Insulin	2400	3	S		1E	50	A + B	120+15 Min	60+5 Min
28	Insulin Rapid	5800	3	S		1E	50	Sn	60+15 Min	NA
<b>ENDOCRINE</b>										
29	ACTH	10600	2	Ab		1E	50	Sn	60+20 Min	45+5 Min
30	Aldosterone	10100	9	S	C	2S	25	Sn	15+45+20 Min	15+45+5 Min
<b>FERTILITY &amp; PRENATAL</b>										
31	AMH	9700	2	Ab		1E	50	A + B	60+20 Min	60+5 Min
32	hCG	800	3	S		1E	25	A + B	60+15 Min	45+5 Min
33	hCG Ext. Range	8800	3	S		1E	25	A + B	20+15 Min	20+5 Min
34	hCG Rapid	3300	2	Ab		1E	25	SC	10+5 Min	NA
35	hCG, FSH, LH, PRLs	8300	3 & 4	S		1E	2S	hCG/PRLs:25 LH/FSH: 50	hCG:20+15 Min LH/FSH:60+15 Min PRLs:30+30+15 Min	hCG:20+5 Min LH/FSH:45+5 Min PRLs:30+30+5 Min
36	FSH	400	3	S		1E	50	A + B	60+15 Min	45+5 Min
37	LH	600	3	S		1E	50	A + B	60+15 Min	45+5 Min
38	PAPP-A	12600	6	Ab		2S	10	Sn	30 + 30 + 20 Min	30+30+5 Min
39	PRL	700	3	S		1E	25	A + B	60+15 Min	45+5 Min
40	PRL Sequ.	4400	4	S		2S	25	A + B	30+30+15 Min	30+30+5 Min
41	AFP, hCG, uE3	8500	3 & 7	S	C	1E	25 each	A + B	60+15 Min	45+5 Min
<b>GROWTH DEFICIENCY</b>										
42	hGH	1700	3	S		1E	50	A + B	60+15 Min	45+5 Min
<b>INFECTIOUS DISEASES</b>										
43	Anti-H. Pylori IgA	1600	1	S		2S	25	1:100 A + B	60+30+15 Min	45+30+5 Min
44	Anti-H. Pylori IgG	1400	1	S		2S	25	1:100 A + B	60+30+15 Min	45+30+5 Min
45	Anti-H. Pylori IgM	1500	1	S		2S	25	1:100 A + B	60+30+15 Min	45+30+5 Min
46	Anti-SARS-CoV-2 IgA	11800	10	Ag		2S	100	1:100 Sn	30+30+15 Min	30+30+5 Min
47	Anti-SARS-CoV-2 IgG	11900	10	Ag		2S	100	1:100 Sn	30+30+15 Min	30+30+5 Min
48	Anti-SARS-CoV2 S1-RBD IgG	12500	10	Ag		2S	100	1:100 Sn	30+30+15 Min	30+30+5 Min
49	Anti-SARS-CoV-2 IgM	11700	10	Ab		2S	100	1:100 Sn	30+30+20 Min	30+30+5 Min
50	D-Dimer	12000	4	Ab		2S	25	A + B	20+20+15 Min	20+20+5 Min
51	PCT	9200	2	Ab	C	2S	50	Sn	30 + 15 Min	30+5 Min
<b>NEONATAL THYROID &amp; ADRENAL</b>										
52	N-TSH	3400	4	S		2S	DBS	Sn	90 Min+45+45 Min (Or OverNt)	NA
53	N-T4	2600	6	Ab	C	2S	DBS	Sn	90 Min+45+15 Min (Or OverNt)	NA
54	N-17OHP	5500	7	S		1E	DBS	SC	120+15 Min (Or OverNt)	NA
55	N-TBG	8900	9	S	C	2S	DBS	SC	60+30+30+15 Min (or OverNt)	NA
<b>STEROIDS</b>										
56	ANST	12400	5	Ab	C	1E	25	Sn	60+20 Min	45+5 Min
57	Cortisol	3600	7	S	C	1E	25	A + B	60+15 Min	45+5 Min
58	DHEA	7400	7	S	C	1E	25	Sn	60+20 Min	60+5 Min
59	DHEA-S	5100	7	S	C	1E	10	A + B	30+15 Min	30+5 Min
60	E1	10300	5	Ab	C	1E	25	Sn	45+20 Min	45+5 Min
61	E2	4900	9	S	C	2S	25	Sn	30+90+20 Min	30+60+5 Min
62	uE3	5000	7	S	C	1E	25	A + B	60+15 Min	45+5 Min
63	Progesterone	4800	7	S	C	1E	25	Sn	60+20 Min	60+5 Min
64	17OHP	5200	7	S	C	1E	25	Sn	60+15 Min	45+5 Min
65	17OH-SI	9900	7	S	C	1E	25	SC	60+15 Min	45+5 Min
66	SHBG	9100	3	S		1E	25	A + B	30+30+15 Min	45+15+5 Min
67	Testosterone	3700	7	S	C	1E	10	A + B	60+15 Min	45+5 Min
68	Free Testosterone	5300	7	Ab	C	1E	20	A + B	60+15 Min	45+5 Min
<b>THYROID</b>										
69	T3	100	5	Ab	C	1E	50	A + B	60+15 Min	45+5 Min
70	T3 Rapid	11200	5	Ab	C	1E	50	Sn	30+15 Min	60+5 Min
71	T3 SBS	8100	7	S	C	1E	50	A + B	60+15 Min	45+5 Min
72	T3, T4 & TSH	8000	7 & 3	S	C	1E	T3/TSH: 50 T4: 25	A + B	60+15 Min	45+5 Min
73	Free T3	1300	5	Ab	C	1E	50	A + B	60+15 Min	45+5 Min
74	FT3, FT4 & TSH	7000	7 & 3	S	C	1E	FT3: 50 FT4/TSH: 25	Sn	60+15 Min	60+5Min
75	T3U	500	5	Ab	C	1E	25	A + B	60+15 Min	45+5 Min
76	T4	200	5	Ab	C	1E	25	A + B	60+15 Min	45+5 Min
77	T4 Rapid	11100	5	Ab	C	1E	20	A+B	30+15 Min	NA
78	T4 SBS	8200	7	S	C	1E	25	A + B	60+15 Min	45+5 Min
79	Free T4	1200	5	Ab	C	1E	50	A + B	60+15 Min	45+5 Min
80	TBG	3500	7	S	C	1E	10	A + B	30+15 Min	30+5 Min
69	Tg	2200	4	S		2S	50	Sn	1 Hr + 1 Hr + 15 Min or 2 Hr + 2Hr + 15 Min	1 Hr + 1 Hr + 5 Min or 1.5 Hr + 1.5 Hr + 5 Min
70	TSH	300	3	S		1E	50	A + B	60+15 Min	45+5 Min
71	TSH Rapid	6000	3	S		1E	25	A + B	30+15 Min	30+5
<b>THYROID- AUTOIMMUNE</b>										
72	Anti-Tg	1000	1	S		2S	50	1:100 A + B	60+30+15 Min	30+30+5 Min
73	Anti-TPO	1100	1	S		2S	25	1:100 A + B	60+30+15 Min	30+30+5 Min

Abbreviation Key							
PLATE SYSTEM		BINDING		STEPS		ITEM#	
Ab	Antibody	C	Competitive	1E	1 Step Equilibrium	ELISA	Substitute '00' with '25' followed by '-300' and A, B, D, E (for pack size)
Ag	Antigen	Sa	Sandwich	2S	2 Step Sequential	CLIA	Substitute '00' with '75' followed by '-300' and A, B, D, E (for pack size)
S	Streptavidin						

Contact us today to learn more  
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