

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		BINDING		STEPS		SAMPLE VOL µl	SAMPLE Dilution	ELISA Sub	ELISA Manual Incubation TIME	CLIA Manual Incubation TIME
			Ab	Strept	Comp	Sand	1-Equil	2-Sequ					
ALLERGY & ANEMIA													
1	IgE	2500	4		S		Sa	2S	25		A + B	30+30+15 Min	30+30+5 Min
2	Ferritin	2800	4		S		Sa	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	8500	4		S		Sa	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
BONE METABOLISM													
7	Calcitonin	9300	2	Ab			Sa	1E	50		Sn	60+20 Min	45+5 Min
8	PTH Intact	9000	2	Ab			Sa	1E	50		Sn	60+20 Min	45+5 Min
9	PTH Whole & Intact	10000	2	Ab			Sa	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+3+5 Min
CANCER MARKERS													
11	AFP	1900	3		S		Sa	1E	25		A + B	60+15 Min	45+5 Min
12	AFP, CEA, PSA	8400	3		S		Sa	1E	25 each		A + B	60+15 Min	45+5 Min
13	CA-125	3000	3		S		Sa	1E	25		A + B	60+15 Min	45+5 Min
14	CA 15-3	5600	4		S		Sa	2S	25	1:21	Sn	60 + 60 + 20 Min	30+45+5 Min
15	CA 19-9	3900	4		S		Sa	2S	25		A + B	60+60+15 Min	30+45+5 Min
16	CEA/CEA Nxt Gen	1800 / 4600	3		S		Sa	1E	25		A + B	60+15 Min	45+5 Min
17	fbhCG	10200	4		S		Sa	2S	25	1:100	A + B	30+30+15 Min	30+30+5 Min
18	PSA/PSA XS	2100 / 8700	3		S		Sa	1E	25		A + B	30+15 Min	30+5 Min
19	Free PSA	2300	3		S		Sa	1E	50		A + B	60+15 Min	45+5 Min
CARDIAC MARKERS													
20	DIG	900	7		S	C		1E	25		A + B	30+15 Min	30+5 Min
21	CKMB	2900	3		S		Sa	1E	25		A + B	15+15 Min	15+5 Min
22	cTnl	3800	2	Ab			Sa	1E	25		A + B	15+15 Min	15+5 Min
23	HS-CRP	3100	3		S		Sa	1E	25	1:200	A + B	15+15 Min	15+5 Min
24	Myoglobin	3200	3		S		Sa	1E	25		A + B	15+15 Min	15+5 Min
DIABETES													
25	C-peptide	2700	3		S		Sa	1E	50		A + B	120+15 Min	60+5 Min
26	C-peptide & Insulin	7300	3		S		Sa	1E	50 each		A + B	120+15 Min	60+5 Min
27	Insulin	2400	3		S		Sa	1E	50		A + B	120+15 Min	60+5 Min
28	Insulin Rapid	5800	3		S		Sa	1E	50		Sn	60+15 Min	NA
ENDOCRINE													
29	ACTH	10600	2	Ab			Sa	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
FERTILITY & PRENATAL													
31	hCG	800	3		S		Sa	1E	25		A + B	60+15 Min	45+5 Min
32	hCG Ext. Range	8800	3		S		Sa	1E	25		A + B	20+15 Min	20+5 Min
33	hCG Rapid	3300	2	Ab			Sa	1E	25		SC	10+5 Min	NA
34	hCG, FSH, LH, PRLs	8300	3 & 4		S		Sa	1E	2S	hCG:PRLs:25 LH/FSH: 50	A + B	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
35	FSH	400	3		S		Sa	1E	50		A + B	60+15 Min	45+5 Min
36	LH	600	3		S		Sa	1E	50		A + B	60+15 Min	45+5 Min
37	PAPP-A	12600	6	Ab			Sa	2S	10		Sn	30 + 30 + 20 Min	30+30+5 Min
38	PRL	700	3		S		Sa	1E	25		A + B	60+15 Min	45+5 Min
39	PRL Sequ.	4400	4		S		Sa	2S	25		A + B	30+30+15 Min	30+30+5 Min
40	AFP, hCG, uE3	8500	3 & 7		S	C	Sa	1E	25 each		A + B	60+15 Min	45+5 Min
GROWTH DEFICIENCY													
41	hGH	1700	3		S		Sa	1E	50		A + B	60+15 Min	45+5 Min
INFECTIOUS DISEASES													
42	IgA-Anti-H. Pylori	1600	1		S		Sa	2S	25	1:100	A + B	60+30+15 Min	45+30+5 Min
43	IgG-Anti-H. Pylori	1400	1		S		Sa	2S	50	1:100	A + B	60+30+15 Min	45+30+5 Min
44	IgM-Anti-H. Pylori	1500	1		S		Sa	2S	50	1:100	A + B	60+30+15 Min	45+30+5 Min
45	PCT	9200	2	Ab		C		2S	50		Sn	30 + 15 Min	30+5 Min
NEONATAL THYROID & ADRENAL													
46	N-TSH	3400	4		S		Sa	2S	DBS		Sn	90 Min+45+45 Min (Or OverNt)	NA
47	N-T4	2600	6	Ab		C		2S	DBS		Sn	90 Min+45+15 Min (Or OverNt)	NA
48	N-170HP	5500	7		S	C		1E	DBS		SC	120+15 Min (Or OverNt)	NA
49	N-TBG	8900	9		S	C		2S	DBS		SC	60+30+30+15 Min (or OverNt)	NA
STEROIDS													
50	Cortisol	3600	7		S	C		1E	25		A + B	60+15 Min	45+5 Min
51	DHEA	7400	7		S	C		1E	25		Sn	60+20 Min	60+5 Min
52	DHEA-S	5100	7		S	C		1E	10		A + B	30+15 Min	30+5 Min
53	E1	10300	5	Ab		C		1E	25		Sn	45+20 Min	45+5 Min
54	E2	4900	9		S	C		2S	25		Sn	30+90+20 Min	30+60+5 Min
55	uE3	5000	7		S	C		1E	25		A + B	60+15 Min	45+5 Min
56	Progesterone	4800	7		S	C		1E	25		Sn	60+20 Min	60+5 Min
57	17OHP	5200	7		S	C		1E	25		Sn	60+15 Min	45+5 Min
58	170H-SI	9900	7		S	C		1E	25		SC	60+15 Min	45+5 Min
59	SHBG	9100	3		S		Sa	1E	25		A + B	30+30+15 Min	45+15+5 Min
60	Testosterone	3700	7		S	C		1E	10		A + B	60+15 Min	45+5 Min
61	Free Testosterone	5300	7	Ab		C		1E	20		A + B	60+15 Min	45+5 Min
THYROID													
62	T3	100	5	Ab		C		1E	50		A + B	60+15 Min	45+5 Min
63	T3 Rapid	11200	5	Ab		C		1E	50		Sn	30+15 Min	60+5 Min
64	T3 SBS	8100	7		S	C		1E	50		A + B	60+15 Min	45+5 Min
65	T3, T4 & TSH	8000	7 & 3		S	C	Sa	1E	T3/TSH: 50 T4: 25		A + B	60+15 Min	45+5 Min
66	Free T3	1300	5	Ab		C		1E	50		A + B	60+15 Min	45+5 Min
67	FT3, FT4 & TSH	7000	7 & 3		S	C	Sa	1E	FT3: 50 FT4/TSH: 25		Sn	60+15 Min	60+5Min
68	T3U	500	5	Ab		C		1E	25		A + B	60+15 Min	45+5 Min
69	T4	200	5	Ab		C		1E	25		A + B	60+15 Min	45+5 Min
70	T4 Rapid	11100	5	Ab		C		1E	20		A+B	30+15 Min	NA
71	T4 SBS	8200	7		S	C		1E	25		A + B	60+15 Min	45+5 Min
72	Free T4	1200	5	Ab		C		1E	50		A + B	60+15 Min	45+5 Min
73	TBG	3500	7		S	C		1E	10		A + B	30+15 Min	30+5 Min
69	Tg	2200	4		S		Sa	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		Sa	1E	50		A + B	60+15 Min	45+5 Min
71	TSH Rapid	6000	3		S		Sa	1E	25		A + B	30+15 Min	NA
THYROID- AUTOIMMUNE													
72	Anti-Tg	1000	1		S		Sa	2S	50	1:100	A + B	60+30+15 Min	30+30+5 Min
73	Anti-TPO	1100	1		S		Sa	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)
S	Streptavidin	Sa	Sandwich	2S	2 Step Sequential	CLIA	Substitute '00' with '75' followed by '-300' and A, B, D, E (for pack size)

Contact us today to learn more
www.monobind.com
sales@monobind.com

