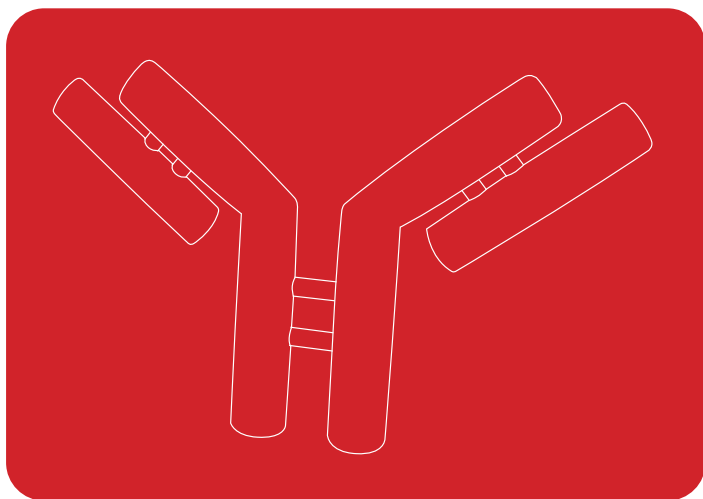


Product Catalog | 2016-2017

Immunoassays, Controls & Equipment



VAST 
Versatile Analyte Selection Technology

AccuBind 
ELISA Microwells

AccuLite 
CLIA Microwells



Message from Monobind's president:



Dr. Frederick R. Jerome, CEO

Since its inception in 1978 Monobind, an ISO 13485 & 9001 certified company, has pioneered in providing diagnostic tools to healthcare professionals at affordable prices. The expertise acquired through years of hard work has allowed Monobind significant immunoassay market penetration. With a distributor network spanning established and emerging worldwide markets in 110+ countries, Monobind looks forward to an even brighter future. As a global brand and leading manufacturer, our company is a major player in the field of diagnostic immunoassay systems.

Monobind's success can be attributed to the high quality and user friendliness of our product line. Customer care and quality consciousness are the hallmarks of Monobind. Close connections with universities and reference labs allow Monobind to provide the technical support to launch new projects in reduced time frames. Our experience in producing quality raw materials, for our own use and for other diagnostic manufacturers, delivers a sustainable competitive advantage built from cost-efficiency. Monobind's history reveals a

commitment to R&D and an impressive record of innovation in basic diagnostic techniques. Our products have helped transform the diagnostic practices from science to art by enabling improved, reliable patient care at an affordable cost.

In recent years, Monobind has integrated its systems to harmonize communications and work between R&D, QC, Manufacturing and Administration. We make continual improvements and have put substantial investment into our website to allow customers to access their account 24 x 7. Customers can go online to place orders, check order status, and view their account history and statements. Monobind's focus and dedication, as well as the market's growing demand for our product line make our many innovations possible.

This includes our totally unique, VAST® immunoassay product line which uses combination calibrators to support detection of multiple analytes in just one kit. VAST® is available in ELISA and CLIA for Anemia, Cancer, Diabetes, Fertility, Prenatal and Thyroid Panels with more to come in the future..

Monobind works with leading automated and semi-automated instrument makers to customize equipment for our AccuBind® ELISA and AccuLite CLIA® products. Monobind offers analyzers for both products, including NeoEldex®, PrisMatic®, Impulse 2®, Impulse 3®, NeoLumax®, and Autoplex®, as well as Plate Wash. With Autoplex Generation 2, we introduced a fully automated analyzer with integrated readers for both ELISA and CLIA assays. Additionally, we provide 100s of applications for existing instrumentation from such companies as Awareness Technology and Dynex. We thank our partners for their collaboration and support, which has allowed our positioning to meet the needs of small-to-large volume testing in clinical labs.

Finally, I wish to thank our customers and distributors for their support and dedication. Their efforts have resulted in Monobind brand recognition in the highly competitive, global immunoassay market. This would not be possible without Monobind's team of skilled professionals who provide the fundamental base for our market success. With our rigorous pursuit of excellence and new product development, Monobind is building a robust future in the biomedical field. We hope to share this vision with you.

Dr. Frederick R. Jerome
CEO





FDA - Certified 

"Monobind Inc. manufactures 125+ enzyme-based immunoassay kits. We create these completely in-house from R&D and product design, to reagent and automated production." Dr. Rick Jerome, CEO

:: Monobind AccuBind® ELISA and AccuLite® CLIA Kits

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VAST  **ELISA & CLIA Kits**

A diagnostic first — VAST combination calibrators — deliver the greatest flexibility in assay performance. Labs can measure one (of up to four) analytes per well in a universal plate. Kits available in 192 packs size (as well as 96 for diabetes and prenatal).

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Monobind Immunoassay Benefits



>> Product Stability

Our **thermal stability** allows for short-term (<3 days) transit in temperatures of up to 37°C, which is critical for tropical climates and worldwide distribution. The product’s shelf life is at least one year from shipment, given that it’s stored at 2-8°C after receipt. To ensure stability against a number of adverse conditions, Monobind performs sophisticated **stress testing** on all finished product lots and will not release goods until minimum thresholds are met.

>> Ease of Use

Designed as simple and innovative, Monobind’s diagnostic assays enable users to quickly reach reliable results. We utilize **color coding/packaging** to differentiate our products and steps, **liquid reagents** to omit reconstitution, **uniform-testing** procedures and common reagents with many products, and incorporate other leading-edge technologies such as multi-purpose **streptavidin plates** to deliver user and automation-friendly, quality assays.

>> Cost

Unique among the industry, Monobind **manufactures all essential ingredients** in-house to ensure consistent quality while lowering its cost of goods. A completely **advanced automation system** further reduces cost by increasing production efficiency.

>> Quality

By using **state-of-the-art packaging** such as thermal ID on every product piece and innovative color-coded labeling, we produce an attractive, easy to use assay that’s second to none. Our **leading edge assay design** backed by substantial, ongoing R&D efforts represents our fundamental commitment to delivering best-in-class products.

>> ELISA & CLIA Comparision

Item	 ELISA Microwells	 CLIA Microwells
Incubation Time	Typical assay times 60 + 15 120 + 15	Typical assay times 45 + 5 60 + 5
Sensitivity	Detection of analyte concentration for TSH 0.025 µIU/ml	Detection of analyte concentration for TSH 0.01 µIU/ml
Dynamic Range	Maximum OD of readers limited to 2.5 - 3.0	Up to 10x greater signal detection than ELISA
Procedure	Consistent steps that fit MB Assays Types (1-8) Classification	Consistent steps that fit MB Assays Types (1-8) Classification
Marketability	Proven technology	State-of-the-art technology may command higher price and reimbursement from government programs
Safety	No radioactive or toxic waste	No radioactive or toxic waste
Shelf Life	Up to 18 Months (12 Guaranteed)	Up to 18 Months (12 Guaranteed)
Reading	450 nm with 620 nm	RLUs

ALLERGY & ANEMIA

IgE	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	IgE (Cat #)	2525-300A (96 wells)	2575-300A (96 wells)
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay
	Calibrators	0, 5, 25, 50, 150, 400 IU/ml 2nd (IRP 75/502)	0, 5, 25, 50, 150, 400 IU/ml 2nd (IRP 75/502)
	Sample	25 µl	25 µl
	Sensitivity	0.125 IU/ml	0.023 IU/ml
	Total Assay Time	75 min	65 min
Ferritin	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	Ferritin (Cat #)	2825-300A (96 wells)	2875-300A (96 wells)
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay
	Calibrators	0, 10, 50, 150, 400, 800 ng/ml (3rd IS 94/572)	0, 10, 50, 150, 400, 800 ng/ml (3rd IS 94/572)
	Sample	25 µl	25 µl
	Sensitivity	0.17 ng/ml	0.011 ng/ml
	Total Assay Time	75 min	65 min
Folate	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	Folate (Cat #)	7525-300A (96 wells)	7575-300A (96 wells)
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay
	Calibrators	0, 1, 2.5, 5, 10, 25 ng/ml	0, 1, 2.5, 5, 10, 25 ng/ml
	Sample	50 µl	50 µl
	Sensitivity	0.52 ng/ml	0.234 ng/ml
	Total Assay Time	65 min	50 min
SfTR	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	Soluble Transferrin Receptor (Cat #)	8625-300A (96 wells)	8675-300A (96 wells)
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Competitive Assay	Competitive Assay
	Calibrators	0, 3, 10, 20, 40, 80 nmol/L	0, 3, 10, 20, 40, 80 nmol/L
	Sample	10 µl	10 µl
	Sensitivity	0.055 nmol/ml	0.046 nmol/L
	Total Assay Time	90 min	65 min
Vit B12	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	Vitamin B12 (Cat #)	7625-300A (96 wells)	7675-300A (96 wells)
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay
	Calibrators	0, 100, 200, 400, 1000, 2000 pg/ml	0, 100, 200, 400, 1000, 2000 pg/ml
	Sample	50 µl	50 µl
	Sensitivity	70.13 pg/ml	37.92 pg/ml
	Total Assay Time	95 min	80 min

AUTOIMMUNE THYROID



Anti-Tg	AccuBind® ELISA Microwells		AccuLite® CLIA Microwells	
	Item			
	Anti-Tg (Cat #)	1025-300A (96 wells)		1075-300A (96 wells)
	Method	Enzyme Immunoassay, Colorimetric		Enzyme Immunoassay, Chemiluminescence
	Principle	Streptavidin Biotin Based Sandwich Assay		Streptavidin Biotin Based Sandwich Assay
	Calibrators	0, 50, 125, 500, 1000, 2000 - IU/ml (IRP 65/93)		0, 50, 125, 500, 1000, 2000 IU/ml (IRP 65/93)
	Sample	50 µl (1:100 Dilution)		50 µl (1:100 Dilution)
	Sensitivity	1.94 IU/ml		1.95 IU/ml
	Total Assay Time	105 min		65 min

Anti-TPO	AccuBind® ELISA Microwells		AccuLite® CLIA Microwells	
	Item			
	Anti-TPO (Cat #)	1125-300A (96 wells)		1175-300A (96 wells)
	Method	Enzyme Immunoassay, Colorimetric		Enzyme Immunoassay, Chemiluminescence
	Principle	Streptavidin Biotin Based Sandwich Assay		Streptavidin Biotin Based Sandwich Assay
	Calibrators	0, 25, 50, 100, 250, 500 IU/ml - (IS 66/387)		0, 25, 50, 100, 250, 500 IU/ml (IS 66/387)
	Sample	25 µl (1:100 Dilution)		25 µl (1:100 Dilution)
	Sensitivity	0.92 IU/ml		1.0 IU/ml
	Total Assay Time	105 min		65 min

BONE METABOLISM

PTH	AccuBind® ELISA Microwells	
	Item	
	PTH (Cat #)	9025-300A (96 wells)
	Method	Enzyme Immunoassay, Colorimetric
	Principle	Streptavidin Biotin Based Sandwich Assay
	Calibrators	0, 15, 30, 100, 300, 1000 pg/ml
	Sample	25 µl
	Sensitivity	0.49 pg/ml
	Total Assay Time	105 min

Vitamin D 25 (OH)	AccuBind® ELISA Microwells	
	Item	
	Vit D (Cat #)	7725-300A (96 wells)
	Method	Enzyme Immunoassay, Colorimetric
	Principle	Competitive Assay
	Calibrators	0, 2.5, 5, 15, 35, 70, 150 ng/ml
	Sample	10 µl
	Sensitivity	0.67 ng/ml
	Total Assay Time	150 min

CANCER MARKERS

AFP	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	AFP (Cat #)	1925-300A (96 wells) 1925-300B (192 wells)	1975-300A (96 wells) 1975-300B (192 wells)
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay
	Calibrators	0 , 5, 25, 50, 250, 500 ng/ml (IRP 72/225)	0 , 5, 25, 50, 250, 500 ng/ml (IRP 72/225)
	Sample	25 µl	25 µl
	Sensitivity	1.0 ng/ml	0.134 ng/ml
	Total Assay Time	75 min	50 min
CA15-3	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	CA 15-3 (Cat#)	5625-300A (96 wells) 5625-300B (192 wells)	5675-300A (96 wells) 5675-300B (192 wells)
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Competitive Assay	Competitive Assay
	Calibrators	0 , 10, 40, 100, 200, 400 U/ml	0 , 10, 40, 100, 200, 400 U/ml
	Sample	25 µl	25 µl
	Sensitivity	0.2 U/ml	0.2 U/ml
	Total Assay Time	140 min	95 min
CA 19-9	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	CA-19-9 (Cat #)	3925-300A (96 wells) 3925-300B (192 wells)	3975-300A (96 wells) 3975-300B (192 wells)
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay
	Calibrators	0, 10, 50, 100, 250, 500 U/ml	0, 10, 50, 100, 250, 500 U/ml
	Sample	25 µl	25 µl
	Sensitivity	1.0 U/ml	0.04 U/ml
	Total Assay Time	135 min	80 min
CA 125	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	CA-125 (Cat #)	3025-300A (96 wells) 3025-300B (192 wells)	3075-300A (96 wells) 3075-300B (192 wells)
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay
	Calibrators	0, 15, 50, 100, 200, 400 U/ml	0, 15, 50, 100, 200, 400 U/ml
	Sample	25 µl	25 µl
	Sensitivity	1.0 U/ml	0.11 U/ml
	Total Assay Time	75 min	50 min



CEA	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	CEA (Cat #)	1825-300A (96 wells) 1825-300B (192 wells)	1875-300A (96 wells) 1875-300B (192 wells)
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay
	Calibrators	0, 5, 10, 25, 50, 250 ng/ml (IRP 73/601)	0, 5, 10, 25, 50, 250 ng/ml (IRP 73/601)
	Sample	25 µl	25 µl
	Sensitivity	1.0 ng/ml	0.5 ng/ml
	Total Assay Time	75 min	50 min

CEA Next Gen	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	CEA Next Gen (Cat #)	4625-300A (96 wells) 4625-300B (192 wells)	4675-300A (96 wells) 4675-300B (192 wells)
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay
	Calibrators	0, 5, 10, 25, 100, 250 ng/ml (IRP 73/601)	0, 5, 10, 25, 100, 250 ng/ml (IRP 73/601)
	Sample	25 µl	25 µl
	Sensitivity	1.0 ng/ml	0.5 ng/ml
	Total Assay Time	75 min	50 min

fB-hCG Ext. Range	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	Free B-hCG (Cat #)	10225-300A (96 wells)	10275-300A (96 wells)
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay
	Calibrators	0, 5, 10, 25, 100, 250 ng/ml (IRP 75/551)	0, 5, 10, 25, 100, 250 ng/ml (IRP 75/551)
	Sample	25 µl	25 µl
	Sensitivity	0.0386 ng/ml	0.00314 ng/ml
	Total Assay Time	75 min	65 min

PSA	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	PSA (Cat #)	2125-300A (96 wells) 2125-300B (192 wells)	2175-300A (96 wells) 2175-300B (192 wells)
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay
	Calibrators	0, 5, 10, 25, 50, 100 ng/ml 1st (IS 96/670)	0, 5, 10, 25, 50, 100 ng/ml (IS 96/670)
	Sample	25 µl	25 µl
	Sensitivity	0.013 ng/ml	0.006 ng/ml
	Total Assay Time	45 min	35 min

CANCER MARKERS cont.

PSA Extra Sensitive	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	PSA XS (Cat #)	8725-300A (96 wells) 8725-300B (192 wells)	8775-300A (96 wells) 8775-300B (192 wells)
	Method Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Streptavidin Biotin Based Sandwich Assay 0, 1, 2.5, 5, 10, 25 ng/ml (IS 96/670) 25 µl 4.72 pg/ml 45 min	Enzyme Immunoassay, Chemiluminescence Streptavidin Biotin Based Sandwich Assay 0, 1, 2.5, 5, 10, 25 ng/ml (IS 96/670) 25 µl 1.1 pg/ml 35 min

fPSA	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	fPSA (Cat #)	2325-300A (96 wells) 2325-300B (192 wells)	2375-300A (96 wells) 2375-300B (192 wells)
	Method Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Streptavidin Biotin Based Sandwich Assay 0, 0.5, 1, 2.5, 5, 10 ng/ml (1st IS 96/668) 50 µl 0.052 ng/mL 75 min	Enzyme Immunoassay, Chemiluminescence Streptavidin Biotin Based Sandwich Assay 0, 0.5, 1, 2.5, 5, 10 ng/ml (1st IS 96/668) 50 µl 0.05 ng/ml 50 min

CARDIAC MARKERS

CKMB	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	CK-MB (Cat #)	2925-300A (96 wells) 2925-300B (192 wells)	2975-300A (96 wells) 2975-300B (192 wells)
	Method Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Streptavidin Biotin Based Sandwich Assay 0, 5, 25, 100, 200, 400 ng/ml 25 µl 0.182 ng/ml 30 min	Enzyme Immunoassay, Chemiluminescence Streptavidin Biotin Based Sandwich Assay 0, 5, 25, 100, 200, 400 ng/ml 25 µl 0.5 ng/ml 20 min

Digoxin	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	Digoxin (Cat #)	925-300A (96 wells)	975-300A (96 wells)
	Method Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Competitive Assay 0, 0.25, 0.5, 1, 2, 4 ng/ml 25 µl 0.072 ng/ml 45 min	Enzyme Immunoassay, Chemiluminescence Competitive Assay 0, 0.25, 0.5, 1, 2, 4 ng/ml 25 µl 0.169 ng/ml 35 min

HS-CRP	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	HS-CRP (Cat #)	3125-300A (96 wells)	3175-300A (96 wells)
	Method Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Streptavidin Biotin Based Sandwich Assay 0, 0.5, 2.0, 5, 15, 30 µg/ml (CRM-470) 25 µl 0.014 µg/ml 30 min	Enzyme Immunoassay, Chemiluminescence Streptavidin Biotin Based Sandwich Assay 0, 0.5, 2.0, 5, 15, 30 µg/ml (CRM-470) 25 µl 0.007 µg/ml 20 min

CARDIAC MARKERS cont.



Myoglobin	AccuBind[®] ELISA Microwells		AccuLite[®] CLIA Microwells	
	Item			
	Myoglobin (Cat #)	3225-300A (96 wells) 3225-300B (192 wells)	3275-300A (96 wells) 3275-300B (192 wells)	
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay	
	Calibrators	0, 10, 25, 50, 150, 400 ng/ml	0, 10, 25, 50, 150, 400 ng/ml	
	Sample	25 µl	25 µl	
	Sensitivity	0.178 ng/ml	0.03 ng/ml	
	Total Assay Time	30 min	20 min	

cTnI	AccuBind[®] ELISA Microwells		AccuLite[®] CLIA Microwells	
	Item			
	cTnI (Cat #)	3825-300A (96 wells) 3825-300B (192 wells)	3875-300A (96 wells) 3875-300B (192 wells)	
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay	
	Calibrators	0, 1, 3, 6, 15, 30 ng/ml	0, 1, 3, 6, 15, 30 ng/ml	
	Sample	25 µl	25 µl	
	Sensitivity	0.03 ng/ml	0.012 ng/ml	
	Total Assay Time	30 min	20 min	

DIABETES

C-Peptide	AccuBind[®] ELISA Microwells		AccuLite[®] CLIA Microwells	
	Item			
	C-Peptide (Cat #)	2725-300A (96 wells) 2725-300B (192 wells)	2775-300A (96 wells) 2775-300B (192 wells)	
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay	
	Calibrators	0, 0.2, 1, 2, 5, 10 ng/ml 1st (IRP 84/510)	0, 0.2, 1, 2, 5, 10 ng/ml 1ST (IRR 84/510)	
	Sample	50 µl	50 µl	
	Sensitivity	0.020 ng/ml	0.012 ng/ml	
	Total Assay Time	135 min	65 min	

Insulin	AccuBind[®] ELISA Microwells		AccuLite[®] CLIA Microwells	
	Item			
	Insulin (Cat #)	2425-300A (96 wells)	2475-300A (96 wells)	
	Rapid Insulin*	2425-300B (192 wells) 5825-300A* (96 wells)	2475-300B (192 wells)	
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay	
	Calibrators	0, 5, 25, 50, 100, 300 µIU/ml 1st (IRP 66/304)	0, 5, 25, 50, 100, 300 µIU/ml 1st (IRP 66/304)	
	Sample	50 µl	50 µl	
	Sensitivity	0.182 µIU/ml	0.114 µIU/ml	
	Total Assay Time	135 min	65 min	
		0.75 µIU/ml* 75 min*		

FERTILITY

hCG	AccuBind[®] ELISA Microwells		AccuLite[®] CLIA Microwells	
	Item			
	hCG (Cat #)	825-300A (96 wells) 825-300B (192 wells)	875-300A (96 wells) 875-300B (192 wells)	
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay	
	Calibrators	0, 5, 25, 50, 100, 250 mIU/ml (3rd IS 75/537)	0, 5, 25, 50, 100, 250 mIU/ml (3rd IS 75/537)	
	Sample	25 µl	25 µl	
	Sensitivity	0.102 mIU/ml	0.016 mIU/ml	
	Total Assay Time	75 min	50 min	

FERTILITY cont.

hCG Extended Range	AccuBind® ELISA Microwells		AccuLite® CLIA Microwells	
	Item			
	hCG XR (Cat #)	8825-300A (96 wells) 8825-300B (192 wells)	8875-300A (96 wells) 8875-300B (192 wells)	
	Method Principle	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
	Calibrators	Streptavidin Biotin Based Sandwich Assay 0, 5, 25, 100, 250, 1,000 mIU/ml (3rd IS 75/537)	Streptavidin Biotin Based Sandwich Assay 0, 5, 25, 100, 250, 1,000 mIU/ml (3rd IS 75/537)	
	Sample	25 µl	25 µl	
	Sensitivity	0.332 mIU/ml	0.182 mIU/ml	
	Total Assay Time	35 min	25 min	
Rapid hCG	AccuBind® ELISA Microwells			
	Item			
	RhCG(Cat #)	3325-300A (96 wells) 3325-300B (192 wells)		
	Method Principle	Enzyme Immunoassay, Colorimetric		
	Calibrators	Streptavidin Biotin Based Sandwich Assay 0, 25, 50, 100, 250 mIU/ml (3rd IS 75/537)		
	Sample	25 µl		
	Sensitivity	2.5 mIU/ml		
	Total Assay Time	15 min		
FSH	AccuBind® ELISA Microwells		AccuLite® CLIA Microwells	
	Item			
	FSH (Cat #)	425-300A (96 wells) 425-300B (192 wells)	475-300A (96 wells) 475-300B (192 wells)	
	Method Principle	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
	Calibrators	Streptavidin Biotin Based Sandwich Assay 0, 5, 10, 25, 50, 100 mIU/ml (2nd IRP 78/549)	Streptavidin Biotin Based Sandwich Assay 0, 5, 10, 25, 50, 100 mIU/ml (2nd IRP 78/549)	
	Sample	50 µl	50 µl	
	Sensitivity	0.134 mIU/ml	0.084 mIU/ml	
	Total Assay Time	75 min	50 min	
LH	AccuBind® ELISA Microwells		AccuLite® CLIA Microwells	
	Item			
	LH (Cat #)	625-300A (96 wells) 625-300B (192 wells)	675-300A (96 wells) 675-300B (192 wells)	
	Method Principle	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
	Calibrators	Streptavidin Biotin Based Sandwich Assay 0, 5, 25, 50, 100, 200 mIU/ml (2nd IRP 68/40)	Streptavidin Biotin Based Sandwich Assay 0, 5, 25, 50, 100, 200 mIU/ml (2nd IRP 68/40)	
	Sample	50 µl	50 µl	
	Sensitivity	0.054 mIU/ml	0.010 mIU/ml	
	Total Assay Time	75 min	50 min	
PAPP-A	AccuBind® ELISA Microwells		AccuLite® CLIA Microwells	
	Item			
	PAPP-A (Cat #)	7925-300A (96 wells)	7975-300A (96 wells)	
	Method Principle	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
	Calibrators	Streptavidin Biotin Based Sandwich Assay 0, 100, 500, 1,500, 5,000, 10,000 mIU/L	Streptavidin Biotin Based Sandwich Assay 0, 100, 500, 1,500, 5,000, 10,000 mIU/L	
	Sample	10 µl	10 µl	
	Sensitivity	3.12 mIU/L	2.36 mIU/L	
	Total Assay Time	110 min	80 min	





PRL	AccuBind [®] ELISA Microwells		AccuLite [®] CLIA Microwells	
	Item			
	PRL (Cat #)	725-300A (96 wells) 725-300B (192 wells)	775-300A (96 wells) 775-300B (192 wells)	
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay	
	Calibrators	0, 5, 10, 25, 50, 100 ng/ml (3rd IS 84/500)	0, 5, 10, 25, 50, 100 ng/ml (3rd IS 84/500)	
	Sample	25 µl	25 µl	
	Sensitivity	0.150 ng/ml	0.11 ng/ml	
	Total Assay Time	75 min	50 min	

PRLs	AccuBind [®] ELISA Microwells		AccuLite [®] CLIA Microwells	
	Item			
	PRLs (Cat #)	4425-300A	4475-300A	
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay	
	Calibrators	0, 10, 25, 50, 100, 250 ng/ml (3rd IS 84/50)	0, 10, 25, 50, 100, 250 ng/ml (3rd IS 84/50)	
	Sample	25 µl	25 µl	
	Sensitivity	0.8 ng/ml	0.8 ng/ml	
	Total Assay Time	75 min	65 min	

GROWTH DEFICIENCY

hGH	AccuBind [®] ELISA Microwells		AccuLite [®] CLIA Microwells	
	Item			
	hGH(Cat #)	1725-300A (96 wells) 1725-300B (192 wells)	1775-300A (96 wells) 1775-300B (192 wells)	
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay	
	Calibrators	0, 2, 10, 25, 50, 150 µU/ml (2nd IS 98/574)	0, 2, 10, 25, 50, 150 µU/ml (2nd IS 98/574)	
	Sample	50 µl	50 µl	
	Sensitivity	0.104 µU/ml	0.118 µU/ml	
	Total Assay Time	75 min	50 min	

INFECTIOUS DISEASES

X-h Pylori IgA	AccuBind [®] ELISA Microwells		AccuLite [®] CLIA Microwells	
	Item			
	Anti-H. Pylori IgA	1625-300A (96 wells)	1675-300A (96 wells)	
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay	
	Calibrators	0, 10, 25, 50, 100 U/ml * (Lot Specific)	0, 10, 25, 50, 100 U/ml * (Lot Specific)	
	Sample	50 µl (1:100 Dilution)	50 µl (1:100 Dilution)	
	Sensitivity	0.304 U/ml	0.2100 U/ml	
	Total Assay Time	105 min	80 min	

X-h Pylori IgG	AccuBind [®] ELISA Microwells		AccuLite [®] CLIA Microwells	
	Item			
	Anti-H. Pylori IgG	1425-300A (96 wells)	1475-300A (96 wells)	
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay	
	Calibrators	0, 10, 25, 50, 100 U/ml * (Lot Specific)	0, 10, 25, 50, 100 U/ml * (Lot Specific)	
	Sample	25 µl (1:100 Dilution)	25 µl (1:100 Dilution)	
	Sensitivity	0.1424 U/ml	0.0956 U/ml	
	Total Assay Time	105 min	80 min	

INFECTIOUS DISEASES cont.

X-h Pylori IgM	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	Anti-H. Pylori IgM	1525-300A (96 wells)	1575-300A (96 wells)
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay
	Calibrators	0, 10, 25, 50, 100 U/ml * (Lot Specific)	0, 10, 25, 50, 100 U/ml * (Lot Specific)
	Sample	50 µl (1:100 Dilution)	50 µl (1:100 Dilution)
	Sensitivity	0.065 U/ml	0.1430 U/ml
	Total Assay Time	105 min	80 min

Infectious Diseases in Development

> TORCH Panel

NEONATAL THYROID

N-TBG	Item	AccuBind [®] ELISA Microwells
	NTBG (Cat #)	8925-300A (96 wells) 8925-300B (192 wells)
	Method	Enzyme Immunoassay, Colorimetric
	Principle	Competitive Assay
	Calibrators	0-750 nmol/L (Lot Specific) Dried blood spots on S&S 903 paper
	Sample	1/8" Dot
	Sensitivity	28.6 nmol/L
	Total Assay Time	2.25 hrs

N-TSH	Item	AccuBind [®] ELISA Microwells
	NTSH (Cat #)	3425-300A (96 wells) 3425-300D (480 wells) 3425-300F (1920 wells) 3425-300B (192 wells) 3425-300E (960 wells)
	Method	Enzyme Immunoassay, Colorimetric
	Principle	Streptavidin Biotin Based Sandwich Assay
	Calibrators	0 - 250 uIU/ml (Lot Specific) (2nd IRP 80/558) Dried blood spots on S&S 903 paper
	Sample	1/8" dot
	Sensitivity	1.0 uIU/ml
	Total Assay Time	3 hrs

N-T4	Item	AccuBind [®] ELISA Microwells
	NT4 (Cat #)	2625-300A (96 wells) 2625-300D (480 wells) 2625-300F (1920 wells) 2625-300B (192 wells) 2625-300E (960 wells)
	Method	Enzyme Immunoassay, Colorimetric
	Principle	Competitive Assay
	Calibrators	0-25 µg/dl (Lot Specific) Dried blood spots on S&S 903 paper
	Sample	1/8" Dot
	Sensitivity	0.5 µg/dl
	Total Assay Time	2.5 hrs

N-17OHP	Item	AccuBind [®] ELISA Microwells
	N17OHP (Cat #)	5525-300A (96 wells) 5525-300B (192 wells)
	Method	Enzyme Immunoassay, Colorimetric
	Principle	Competitive Assay
	Calibrators	0-200 ng/ml (Lot Specific) Dried blood spots on S&S 903 paper
	Sample	1/8" dot
	Sensitivity	0.56 ng/ml
	Total Assay Time	2.25 Hours

STEROIDS



Cortisol

Item	AccuBind ELISA Microwells	AccuLite CLIA Microwells
Cortisol (Cat #)	3625-300A (96 wells)	3675-300A (96 wells)
Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
Principle	Streptavidin Biotin Based Competitive Assay	Streptavidin Biotin Based Competitive Assay
Calibrators	0, 1, 4, 10, 20, 50 µg/dl	0, 1, 4, 10, 20, 50 µg/dl
Sample	25 µl	25 µl
Sensitivity	0.366 µg/dl	0.270 µg/dl
Total Assay Time	75 min	50 min

DHEA

Item	AccuBind ELISA Microwells	AccuLite CLIA Microwells
DHEA (Cat #)	7425-300A (96 wells)	7475-300A (96 wells)
Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
Principle	Competitive Assay	Competitive Assay
Calibrators	0, 0.5, 2, 5, 10, 30 ng/ml	0, 0.5, 2, 5, 10, 30 ng/ml
Sample	25 µl	25 µl
Sensitivity	0.10 ng/ml	0.15 ng/ml
Total Assay Time	80 min	65 min

DHEA-S

Item	AccuBind ELISA Microwells	AccuLite CLIA Microwells
DHEA-S (Cat #)	5125-300A (96 wells)	5175-300A (96 wells)
Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
Principle	Competitive Assay	Competitive Assay
Calibrators	0, 0.2, 1, 2, 4, 8 µg/ml	0, 0.2, 1, 2, 4, 8 µg/ml
Sample	10 µl	10 µl
Sensitivity	0.042 µg/ml	0.09 µg/ml
Total Assay Time	45 min	35 min

E2

Item	AccuBind ELISA Microwells	AccuLite CLIA Microwells
E2 (Cat #)	4925-300A (96 wells)	4975-300A (96 wells)
Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
Principle	Competitive Assay	Competitive Assay
Calibrators	0, 20, 100, 250, 500, 1500 & 3000 pg/ml	0, 20, 100, 250, 500, 1500 & 3000 pg/ml
Sample	25 µl	25 µl
Sensitivity	8.2 pg/ml	4.162 pg/ml
Total Assay Time	140 min	95 min

uE3

Item	AccuBind ELISA Microwells	AccuLite CLIA Microwells
uE3 (Cat #)	5025-300A (96 wells)	5075-300A (96 wells)
Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
Principle	Competitive Assay	Competitive Assay
Calibrators	0, 0.4, 2.0, 5, 15 & 30 ng/ml	0, 0.4, 2.0, 5, 15 & 30 ng/ml
Sample	25 µl	25 µl
Sensitivity	0.115 ng/ml	0.237 ng/ml
Total Assay Time	75 min	50 min

STEROIDS cont.

Progesterone	AccuBind ELISA Microwells AccuLite CLIA Microwells	
	Item	
	Progesterone (Cat #)	4825-300A (96 wells) 4875-300A (96 wells)
	Method	Enzyme Immunoassay, Colorimetric
	Principle	Competitive Assay
	Calibrators	0, 0.3, 2, 5, 15, 30 and 60 ng/ml
	Sample	25 µl
	Sensitivity	0.105 ng/ml
	Total Assay Time	80 min

17OHP	AccuBind ELISA Microwells AccuLite CLIA Microwells	
	Item	
	17OHP (Cat #)	5225-300A (96 wells) 5275-300A (96 wells)
	Method	Enzyme Immunoassay, Colorimetric
	Principle	Competitive Assay
	Calibrators	0 , 0.1, 0.5, 1.0, 2.5, 10 ng/ml
	Sample	25 µl
	Sensitivity	0.077 ng/ml
	Total Assay Time	80 min.

SHBG	AccuBind ELISA Microwells AccuLite CLIA Microwells	
	Item	
	SHBG (Cat #)	9125-300A (96 wells) 9175-300A (96 wells)
	Method	Enzyme Immunoassay, Colorimetric
	Principle	Streptavidin Biotin Based Sandwich Assay
	Calibrators	0, 10, 25, 50, 100, 250 nmol/L (2nd IS 08/266)
	Sample	25 µl
	Sensitivity	0.0122 nmol/L
	Total Assay Time	45 min

Testosterone	AccuBind ELISA Microwells AccuLite CLIA Microwells	
	Item	
	Testosterone (Cat #)	3725-300A (96 wells) 3775-300A (96 wells)
	Method	Enzyme Immunoassay, Colorimetric
	Principle	Streptavidin Biotin Based Competitive Assay
	Calibrators	0, 0.1, 0.5, 1, 2.5, 5, 12 ng/ml
	Sample	10 µl
	Sensitivity	0.0576 ng/ml
	Total Assay Time	75 min

Free Testosterone	AccuBind ELISA Microwells AccuLite CLIA Microwells	
	Item	
	Free Testosterone (Cat #)	5325-300A (96 wells) 5375-300A (96 wells)
	Method	Enzyme Immunoassay, Colorimetric
	Principle	Streptavidin Biotin Based Competitive Assay
	Calibrators	0, 0.2, 1, 2.1, 5.6, 13.8, 37.5 pg/ml*(Lot Specific)
	Sample	20 µl
	Sensitivity	0.095 pg/ml
	Total Assay Time	75 min



TBG	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	TBG (Cat #)	3525-300A (96 wells) 3525-300B (192 wells)	3575-300A (96 wells) 3575-300B (192 wells)
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay
	Calibrators	1, 4, 8, 16, 32, 64 µg/ml (IS 88/638)	1, 4, 8, 16, 32, 64 µg/ml (IS 88/638)
	Sample	10 µl	10 µl
	Sensitivity	1.0 µg/ml	1.0 µg/ml
	Total Assay Time	45 min	35 min

Tg	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	Tg (Cat #)	2225-300A (96 wells)	2275-300A (96 wells)
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay
	Calibrators	0, 2.0, 10, 40, 100, 250 ng/ml	0, 2.0, 10, 40, 100, 250 ng/ml
	Sample	50 µl	50 µl
	Sensitivity	0.44 ng/ml	0.031 ng/ml
	Total Assay Time	Long Procedure 255 min/ Short 135 min	Long Procedure 245 min/ Short 125 min

TSH	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	TSH (Cat #)	325-300A (96 wells) 325-300B (192 wells) 325-300D (480 wells) 325-300E (960 wells)	375-300A (96 wells) 375-300B (192 wells) 375-300D (480 wells) 375-300E (960 wells)
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay
	Calibrators	0, 0.5, 2.5, 5.0, 10, 20, 40 µU/ml-2nd (IRP 80/558)	0, 0.5, 2.5, 5.0, 10, 20, 40 µU/ml (2nd IRP 80/558)
	Sample	50 µl	50 µl
	Sensitivity	0.078 µU/ml 0.027 µU/ml	0.0062 µU/ml
	Total Assay Time	75 min 135 min	50 min

Rapid TSH	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	Rapid TSH (Cat #)	6025-300A (96 wells) 6025-300B (192 wells)	6075-300A (96 wells) 6075-300B (192 wells)
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay
	Calibrators	0, 0.5, 2.5, 10, 30, 100 µU/ml-2nd (IRP 80/558)	0, 0.5, 2.5, 10, 30, 100 µU/ml-2nd (IRP 80/558)
	Sample	25 µl	25 µl
	Sensitivity	30 Min incubation: 0.10 µU/ml	0.03 µU/ml
	Total Assay Time	45 min	35 min

T3	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	T3 (Cat #)	125-300A (96 wells) 125-300B (192 wells) 125-300D (480 wells) 125-300E (960 wells)	175-300A (96 wells) 175-300B (192 wells) 175-300D (480 wells) 175-300E (960 wells)
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Competitive Assay	Competitive Assay
	Calibrators	0, 0.5, 1.0, 2.5, 5.0, 7.5 ng/ml	0, 0.5, 1.0, 2.5, 5.0, 7.5 ng/ml
	Sample	50 µl	50 µl
	Sensitivity	0.04 ng/ml	0.126 ng/ml
	Total Assay Time	75 min	50 min

THYROID cont.

T3 SBS	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	T3 (Cat #)	8125-300A (96 wells)	8175-300A (96 wells)
	SBS	8125-300B (192 wells)	8175-300B (192 wells)
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Competitive Assay (Streptavidin Based)	Competitive Assay (Streptavidin Based)
	Calibrators	0, 0.5, 1.0, 2.0, 2.5, 5.0, 7.5 ng/ml	0, 0.5, 1.0, 2.0, 2.5, 5.0, 7.5 ng/ml
	Sample	50 µl	50 µl
	Sensitivity	0.4 ng/ml	0.04 ng/ml
	Total Assay Time	75 min	50 min

T3U	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	T3-Uptake (Cat #)	525-300A (96 wells)	575-300A (96 wells)
		525-300B (192 wells)	575-300B (192 wells)
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Competitive Assay	Competitive Assay
	Calibrators	18, 25, 35, 47 %U* (Lot Specific)	18, 25, 35, 47 %U* (Lot Specific)
	Sample	25 µl	25 µl
	Sensitivity	N/A	N/A
	Total Assay Time	75 min	50 min

FT3	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	FT3 (Cat #)	1325-300A (96 wells)	1375-300A (96 wells)
		1325-300B (192 wells)	1375-300B (192 wells)
		1325-300D (480 wells)	1375-300D (480 wells)
		1325-300E (960 wells)	1375-300E (960 wells)
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Competitive Assay	Competitive Assay
	Calibrators	0, 1.0, 3.0, 5.0, 8.0, 16.0 pg/ml* (Lot Specific)	0, 1.0, 3.0, 5.0, 8.0, 16.0 pg/ml* (Lot Specific)
	Sample	50 µl	50 µl
	Sensitivity	0.835 pg/ml	0.742 pg/ml
	Total Assay Time	75 min	50 min

T4	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	T4 (Cat #)	225-300A (96 wells)	275-300A (96 wells)
		225-300B (192 wells)	275-300B (192 wells)
		225-300D (480 wells)	275-300D (480 wells)
		225-300E (960 wells)	275-300E (960 wells)
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Competitive Assay	Competitive Assay
	Calibrators	0, 2.0, 5.0, 10.0, 15.0, 25.0 µg/dl	0, 2.0, 5.0, 10.0, 15.0, 25.0 µg/dl
	Sample	25 µl	25 µl
	Sensitivity	0.128 µg/dl	0.318 µg/dl
	Time	75 min	50 min

T4 SBS	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	T4 (Cat #)	8225-300A (96 wells)	8275-300A (96 wells)
	SBS	8225-300B (192 wells)	8275-300B (192 wells)
		8225-300D (480 wells)	8275-300D (480 wells)
		8225-300E (960 wells)	8275-300E (960 wells)
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Competitive Assay (Streptavidin Based)	Competitive Assay (Streptavidin Based)
	Calibrators	0, 2.0, 5.0, 10.0, 15.0, 25.0 µg/dl	0, 2.0, 5.0, 10.0, 15.0, 25.0 µg/dl
	Sample	25 µl	50 µl
	Sensitivity	0.4 µg/dl	0.2 µg/dl
	Time	75 min	50 min

FT4	AccuBind ELISA Microwells		AccuLite CLIA Microwells	
	Item			
	FT4 (Cat #)	1225-300A (96 wells) 1225-300B (192 wells) 1225-300D (480 wells) 1225-300E (960 wells)		1275-300A (96 wells) 1275-300B (192 wells) 1275-300D (480 wells) 1275-300E (960 wells)
	Method Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Competitive Assay 0, 0.4, 1.25, 2.10, 5.0, 7.40 ng/dl* (Lot Specific) 50 µl 0.314 ng/dl 75 min		Enzyme Immunoassay, Chemiluminescence Competitive Assay 0, 0.4, 1, 1.85, 3.50, 7.20 ng/dl* (Lot Specific) 50 µl 0.28 ng/dl 50 min

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ANEMIA PANEL

Folate, Vit B12	AccuBind ELISA Microwells		AccuLite CLIA Microwells	
	Item			
	Folate, Vit B12 (Cat #)	7825-300B (192 wells, universal-analyte plate) Combi-Cal® single-serum-analyte matrix		7875-300B (192 wells, universal-analyte plate) Combi-Cal® single-serum-analyte matrix
	Method Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Streptavidin Biotin Based Sandwich Assay Folate: 0, 1, 2.5, 5, 10, 25 ng/ml Vit B12: 0, 125, 250, 500, 1000, 2500 pg/ml Folate, Vit B12: 50 µl Folate: 0.52 ng/ml Vit B12: 70.13 pg/ml Folate: 65 min Vit B12: 95 min		Enzyme Immunoassay, Chemiluminescence Streptavidin Biotin Based Sandwich Assay Folate: 0, 1, 2.5, 5, 10, 25 ng/ml Vit B12: 0, 125, 250, 500, 1000, 2500 pg/ml Folate, Vit B12: 50 µl Folate: 0.23 ng/ml Vit B12: 42.12 pg/ml Folate: 50 min Vit B12: 80 min

CANCER PANEL

AFP,CEA,PSA	AccuBind ELISA Microwells		AccuLite CLIA Microwells	
	Item			
	AFP,CEA,PSA (Cat #)	8425-300B (192 wells, universal-analyte plate) Combi-Cal® single-serum-analyte matrix		8475-300B (192 wells, universal-analyte plate) Combi-Cal® single-serum-analyte matrix
	Method Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Streptavidin Biotin Based Sandwich Assay AFP: 0, 5, 25, 100, 250, 500 ng/ml (IRP 72/225) CEA: 0, 5, 10, 25, 100, 250 ng/ml (IRP 73/601) PSA: 0, 2, 5, 10, 25, 50 ng/ml (IS 96/670) AFP, CEA, PSA: 25 µl AFP: 0.454 ng/ml CEA: 0.078 ng/ml PSA: 0.041 ng/ml 75 min		Enzyme Immunoassay, Chemiluminescence Streptavidin Biotin Based Sandwich Assay AFP: 0, 5, 25, 100, 250, 500 ng/ml (IRP 72/225) CEA: 0, 5, 10, 25, 100, 250 ng/ml (IRP 73/601) PSA: 0, 2, 5, 10, 25, 50 ng/ml (IS 96/670) AFP, CEA, PSA: 25 µl AFP: 0.168 ng/ml CEA: 0.018 ng/ml PSA: 0.004 ng/ml 50 min

DIABETES PANEL

C-peptide, Insulin	Item	AccuBind ELISA Microwells	AccuLite CLIA Microwells
	C-peptide, Insulin	7325-300A (192 wells, universal-analyte plate) Combi-Cal® single-serum-analyte matrix	7375-300A (192 wells, universal-analyte plate) Combi-Cal® single-serum-analyte matrix
	Method Principle Calibrators	Enzyme Immunoassay, Colorimetric Streptavidin Biotin Based Sandwich Assay Insulin: 0, 5, 25, 50, 100, 300 µIU/ml C-peptide: 0, 0.2, 1, 2, 5, 10 ng/ml	Enzyme Immunoassay, Colorimetric Streptavidin Biotin Based Sandwich Assay Insulin: 0, 5, 25, 50, 100, 300 µIU/ml C-peptide: 0, 0.2, 1, 2, 5, 10 ng/ml
	Sample	Insulin, C-peptide: 50 µl	Insulin, C-peptide: 50 µl
	Sensitivity	Insulin: 0.182 µIU/ml and C-peptide: 0.020 ng/ml	Insulin: 0.114 µIU/ml and C-peptide: 0.012 ng/ml
	Total Assay Time	135 min	65 min

FERTILITY PANEL

hCG, FSH, LH, PRLs	Item	AccuBind ELISA Microwells	AccuLite CLIA Microwells
	LH,FSH,PRLs,hCG (Cat #)	8325-300B (192 wells, universal-analyte plate) Combi-Cal® single-serum-analyte matrix	8375-300B (192 wells, universal-analyte plate) Combi-Cal® single-serum-analyte matrix
	Method Principle Calibrators	Enzyme Immunoassay, Colorimetric Streptavidin Biotin Based Sandwich Assay hCG: 0,25,100,250,500,1000mIU/ml LH: 0, 5, 25, 50, 100, 200 mIU/ml PRLs: 0, 10, 25, 50, 100, 250 ng/ml FSH: 0, 5, 10, 25, 50, 100 mIU/ml (in the same human serum)	Enzyme Immunoassay, Chemiluminescence Streptavidin Biotin Based Sandwich Assay hCG: 0,25,100,250,500,1000mIU/ml LH: 0, 5, 25, 50, 100, 200 mIU/ml PRLs: 0, 10, 25, 50, 100, 250 ng/ml FSH: 0, 5, 10, 25, 50, 100 mIU/ml (in the same human serum)
	Sample	hCG & PRLs: 25µl LH & FSH: 50µl	hCG & PRLs: 25µl LH & FSH: 50µl
	Sensitivity	hCG: 3 mIU/ml LH: 0.5 mIU/ml PRLs: 1.6 ng/ml FSH: 0.4 mIU/ml	hCG: 5 mIU/ml LH: 0.2 mIU/ml PRLs: 0.8 ng/ml FSH: 0.2 mIU/ml
	Total Assay Time	LH,FSH PRLs: 75 min hCG: 35 min	LH, FSH: 50min, PRLs: 65min hCG: 25min

PRENATAL PANEL

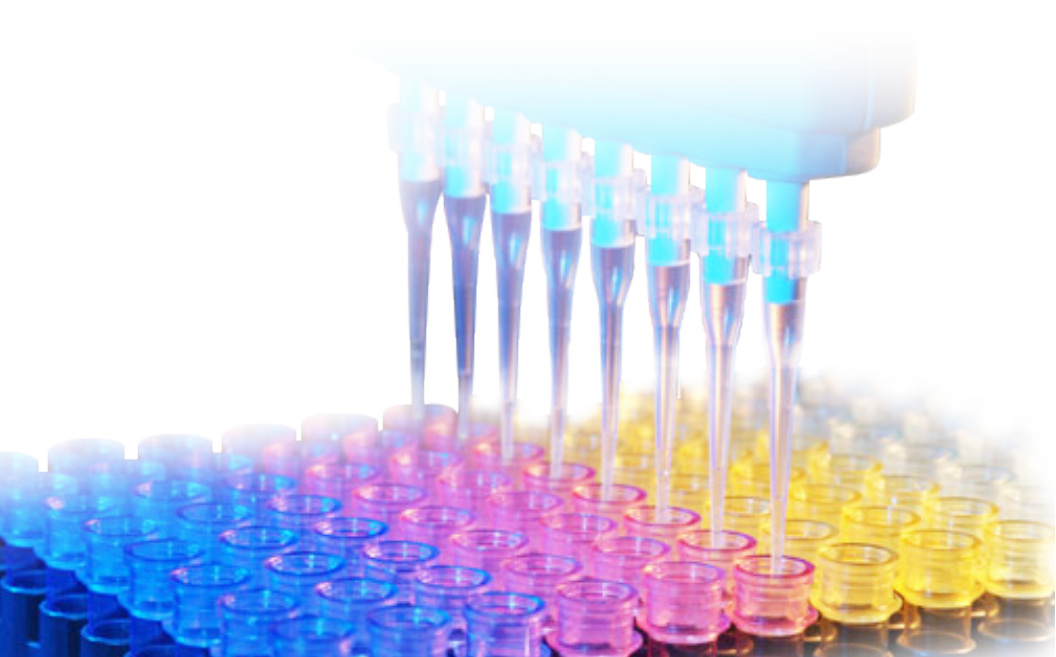
AFP, hCG, uE3	Item	AccuBind ELISA Microwells	AccuLite CLIA Microwells
	AFP, hCG, uE3 (Cat #)	8525-300A (96 wells) 8525-300B (192 wells) (192 wells, universal-analyte plate) Combi-Cal® single-serum-analyte matrix	8575-300A (96 wells) 8575-300B (192 wells) (192 wells, universal-analyte plate) Combi-Cal® single-serum-analyte matrix
	Method Principle Calibrators	Enzyme Immunoassay, Colorimetric Streptavidin Biotin Based Sandwich Assay hCG: 0, 10, 25, 50, 100, 250 mIU/ml AFP: 0, 10, 25, 75, 150, 400 ng/ml uE3: 0, 0.5, 1.0, 2.5, 10, 20 ng/ml (In the same human serum)	Enzyme Immunoassay, Colorimetric Streptavidin Biotin Based Sandwich Assay hCG: 0, 10, 25, 50, 100, 250 mIU/ml AFP: 0, 10, 25, 75, 150, 400 ng/ml uE3: 0, 0.5, 1.0, 2.5, 10, 20 ng/ml (In the same human serum)
	Sample	hCG, AFP, uE3: 25 µl	hCG, AFP, uE3: 25 µl
	Sensitivity	hCG: 0.8 mIU/ml, AFP: 1.0 ng/ml uE3: 0.115 ng/ml	hCG: 0.8 mIU/ml, AFP: 1.0 ng/ml uE3: 0.115 ng/ml
	Total Assay Time	75 min	50 min

THYROID PANEL



T3, T4, TSH	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	T3, T4, TSH (Cat #)	8025-300B (192 wells, universal-analyte plate) Combi-Cal® single-serum-analyte matrix	8075-300B (192 wells, universal-analyte plate) Combi-Cal® single-serum-analyte matrix
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay
	Calibrators	T3: 0, .5, 1, 2.5, 5, 7.5 ng/ml T4: 0, 2, 5, 10, 15, 25 µg/dl TSH: 0, 0.5, 2.5, 10, 20, 40 µIU/ml	T3: 0, .5, 1, 2.5, 5, 7.5 ng/ml T4: 0, 2, 5, 10, 15, 25 µg/dl TSH: 0, 0.5, 2.5, 10, 20, 40 µIU/ml
	Sample Sensitivity	T3, TSH: 50 µl T4: 25 µl T3: 0.04 ng/ml T4: 0.4 µg/dl TSH: 0.078 µIU/ml (1 hour incubation)	T3, TSH: 50 µl T4: 25 µl T3: 0.02 ng/ml T4: 0.2 µg/dl TSH: 0.05 µIU/ml
	Total Assay Time	75 min	50 min

FT3, FT4, TSH	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	FT3, FT4, TSH (Cat#)	7025-300B (192 wells, universal-analyte plate) Combi-Cal® single-serum-analyte matrix	7075-300B (192 wells, universal-analyte plate) Combi-Cal® single-serum-analyte matrix
	Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence
	Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay
	Calibrators	FT3: 0, 1.3, 3.0, 8, 12, 22 pg/ml FT4: 0, 0.5, 1.2, 2.4, 4.2, 7.6 ng/dl TSH: 0, 0.5, 2.5, 10, 20, 40 µIU/ml	FT3: 0, 1.3, 3.0, 8, 12, 22 pg/ml FT4: 0, 0.5, 1.2, 2.4, 4.2, 7.6 ng/dl TSH: 0, 0.5, 2.5, 10, 20, 40 µIU/ml
	Sample Sensitivity	FT3: 50 µl, TSH & FT4: 25µl FT3: 0.04 pg/ml, FT4: 0.04 ng/dl TSH: 0.065 µIU/ml (1 hour incubation)	FT3: 50 µl, TSH & FT4: 25µl FT3: 0.04 pg/ml, FT4: 0.03 ng/dl TSH: 0.065 µIU/ml (1 hour incubation)
	Total Assay Time	75 min	65 min





CONTROLS

Multi-Ligand	Item	Multiligand Tri-Level Universal Control, Dried
	(Cat #)	ML-300B
	Analytes	Tri-level assayed control to validate range of immunoassays AFP, CEA, Cortisol, C-Peptide, DHEA, DHEA-S, DIG, Estradiol, Estriol, Ferritin, Folate, FSH, hCG, hGH, IgE, Insulin, LH, PRL, Progesterone, PSA, FPSA, SHBG, TBG, Testosterone, Free Testosterone, T3, FT3, T3U, T4, FT4, TSH, Vit B12, 17OHP
	Sensitive & Specific	Human Serum Based
	Packaging	3 levels x 2 each at 3 ml fill = 18 ml
	Shelf Life	3 years unopened & 30 day open at 2-8°C
	Universal Control	Use with RIA, EIA, ELISA, CLIA, FIA & FPIA
	Assayed Values	Mean analysis for Monobind AccuBind ELISA & AccuLite CLIA

Maternal	Item	Maternal Tri-Level Control, Dried
	(Cat #)	MC-300
	Description	Tri-level control for Human Chorionic Gonadotropin (hCG), Free Beta Human Chorionic Gonadotropin Subunit (Free b hCG), Alpha Feta Protein (AFP), and Estriol (UE3) for pregnancy monitoring
	Sensitive & Specific	Human Serum Based
	Packaging	3 levels x 3 each at 5 ml fill = 30 ml
	Shelf Life	3 years unopened & 30 day open at 2-8°C
	Universal Control	Use with RIA, EIA, ELISA, CLIA, FIA & FPIA
	Assayed Values	Mean analysis for Monobind AccuBind ELISA & AccuLite CLIA

Anti-Tg & Anti-TPO	Item	Anti-Tg & Anti-TPO Control - Positive & Negative, Liquid
	(Cat #)	AIT-101
	Description	Liquid, positive & negative control to validate TgAb/ TPOAb assays used in diagnosis of autoimmune thyroid conditions
	Sensitive & Specific	Human Serum Based
	Packaging	2 levels x 3 each at 1 ml fill = 6 ml
	Shelf Life	5 years unopened & 30 day open at 2-8°C
	Universal Control	Use with RIA, EIA, ELISA, CLIA, FIA & FPIA
	Assayed Values	Mean analysis for Monobind AccuBind ELISA & AccuLite CLIA

TBG	Item	TBG Tri-Level Control, Liquid
	(Cat #)	TBG-300
	Description	Liquid, tri-level control to validate TBG assays used in diagnosis of thyroid conditions
	Sensitive & Specific	Human Serum Based
	Packaging	3 levels x 2 each at 1 ml fill = 6 ml
	Shelf Life	5 years unopened & 30 day open at 2-8°C
	Universal Control	Use with RIA, EIA, ELISA, CLIA, FIA & FPIA
	Assayed Values	Mean analysis for Monobind AccuBind ELISA & AccuLite CLIA



Tg	Item	Tg Tri-Level Control, Liquid
	(Cat #)	TG-300
	Description	Liquid, tri-level control to validate Tg assay used in monitoring of thyroid functionality in post-operative thyroidectomy patients
	Sensitive & Specific	Human Serum Based
	Packaging	3 levels x 2 each at 3 ml fill = 18 ml
	Shelf Life	3 years unopened & 30 day open at 2-8°C
	Universal Control	Use with RIA, EIA, ELISA, CLIA, FIA & FPIA
Anti-H. Pylori	Assayed Values	Mean analysis for Monobind AccuBind ELISA & AccuLite CLIA

Anti-H. Pylori	Item	Anti-H. Pylori Control – Positive & Negative, Dried
	(Cat #)	HPC-300
	Description	Lyophilized, positive and negative control to Validate H. Pylori (IgA, IgG, IgM) assays
	Sensitive & Specific	Human Serum Based
	Packaging	2 levels x 3 each at 1 ml fill = 6ml
	Shelf Life	3 years unopened & 30 day open at 2-8°C
	Universal Control	Use with RIA, EIA, ELISA, CLIA, FIA & FPIA
Tumor Marker	Assayed Values	Mean analysis for Monobind AccuBind ELISA & AccuLite CLIA

Tumor Marker	Item	Tumor Marker Tri-Level Control, Liquid
	(Cat #)	TMC-300
	Description	Liquid, tri-level control to validate cancer antigen (CA 125, CA 15-3, CA 19-9) assays.
	Sensitive & Specific	Human Serum Based
	Packaging	3 levels x 2 each at 2 ml fill = 12 ml
	Shelf Life	3 years unopened & 30 day open at 2-8°C
	Universal Control	Use with RIA, EIA, ELISA, CLIA, FIA & FPIA (Assayed Values for AccuBind & AccuLite)
Custom Control	Assayed Values	Mean analysis for Monobind AccuBind ELISA & AccuLite CLIA

Custom Control	Item	Custom Matrix Controls
	(Cat #)	CustControl
	Description	Control manufacturing to exact requirements. Matrices developed on project basis and have included homocystine, CRP and general immunology.
	Sensitive & Specific	Human or Animal Serum
	Packaging	Per Customer Requirements
	Universal Control	Use with RIA, EIA, ELISA, CLIA, FIA & FPIA
“0” Calibrator Matrix	Assayed Values	Mean analysis for Monobind AccuBind ELISA & AccuLite CLIA

“0” Calibrator Matrix	Item	440MM	625MM	144MM	8525145MM
	Use	Dilutant for Vit B12 and Folate Assays	Dilutant for Steroid & Thyroid Assays	Dilutant for Anti-Tg, Anti-TPO, Anti-H-Pylori Assays	Dilutant for High Value Pregnancy Patients & Assays
	Volume	20 ml	20 ml	20 ml	40 ml

Plate Wash

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- Washes flat, round, and V-bottom plates and strips.
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- Precision operation with constant monitoring of vacuum and pressure. Pump cycles only when necessary for quiet operation.
- Programmable automatic rinse cycle.
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neoeldex



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> Features

- Standalone ELISA reader with integrated computer and printer
- Easy and intuitive touch-screen operation with stylus
- Dynamic reading to 4.5 OD or above (from 3.0 maximum with Eldex 3.8)
- Carrier with (new) automated movement handles 3 strips with 1 to 12 wells/ strip
- Ability to program and read different analytes in strip 1 through 3 or to read all 3 strips with the same analyte automatically
- Full 96 well-plate read in 3 to 4 shifts (2 minutes per load/ shift)
- Test storage increased from 100 to 120 tests
- Ten digit alphanumeric sample ID now available for patient tracking
- Password protection system enables open or closed instrument use
- Administrator tool provides summary of wells read per each stored test to assist distributors with laboratory-use monitoring
- USB port easily imports new software or exports readings, including graphs to a PC for archiving
- 110/220 power options, light weight, small footprint
- Optics include 4 filters (405, 450, 492 and 630)
- Quality instrument, US-built, CE mark and ISO standards, NRTL certified

> NeoEldex is completely integrated with our immunoassays

- Programmed with Monobind's 50+ AccuBind® ELISA tests, parameters and data analytics for optimal results
- Exceptionally easy: Simply select test using touch screen then insert wells
- Exclusive 2PT Calibration enables labs to cut cost-per-test by using two calibrators (instead of six or seven) on same lot kits within 30-days of running full curve
- Run with Monobind multi-ligand controls to ensure total quality, recommended for 2PT calibration



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'Plug and play' instrument with compact design offers convenience in ELISA testing. With its streamlined lines and metal enclosure, PrisMatic fits on any lab bench and provides excellent optics and performance, reading a 96-well plate in about 8 seconds using its 8-channel reader.

> A Winning Combination

With PrisMatic and AccuBind, Monobind delivers a powerful ELISA platform with a 50+ test menu of assays preloaded in the instrument's manager software.

> Tiny Footprint, PC Powered Analytics

PrisMatic uses the power and efficiency of your PC to deliver sophisticated data analysis, curve fitting, reporting and data storage.

Simply connect via USB and load PrisMatic's software containing the device manager and AccuBind test data. Then select desired assay(s) and start running AccuBind ELISAs right away.

> Test with Ease and Confidence

PrisMatic is a user-friendly instrument certified by Monobind to ensure the optimal performance of AccuBind reagents giving you the very best in ELISA testing. Built-in references further monitor calibration to maintain peak function.

All the flexibility a clinical lab needs: Users may add new ELISA protocols specifying a variety of calculation modes, including point-to-point, linear regressions, and dose response modes and protocol types such as immunometric, competitive, cutoff and raw data.

> Key Features

- Drag-and-drop test selection to easily format plate
- Program and read any number of assays per plate
- Stored curve and two point calibration options
- Storage of unlimited protocols (only limit is PC memory)
- Full support of kit lot numbers
- Storage of assay results, allowing off-line reevaluation
- Curve plotting and editing
- Open Instrument for use with other ELISA-assays
- Password protected for limited or closed system use
- Test counter to monitor instrument use



> Specifications

Measurement Range	-0.20 to 4.5 or above optical density
Photometric Accuracy	+/- 1%
Stability	Drift of no more than 0.005A in 8 hrs
Light Source	Remote halogen lamp with saver features
Wave Lengths	405, 450, 492, 630 plus optional filters available
PC operating system	USB Port, Win 2000, Win NT, Win XP, Win Vista, Win 7
Power supply	115V or 230V AC, 50 -60Hz
Weight, Dimensions	4.5 kg, 18.5 x 18.5 x 42 cm
Quality	US-built, NRTL listed, CE Mark and ISO Standards



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Monobind now offers a second generation of its revolutionary entry-level instrument that puts chemiluminescence within reach of any lab

> Carrier handles 3 strips of 1 to 12 wells per strip

- Full 96-well plate read in 3 to 4 shifts (2 minutes per load/ shift)
- Program and read different analytes on each strip or same analyte on all three strips automatically
- Monobind's robust CLIA reagents produce a stable light signal for 10-minutes after test completion allowing ample time for measurement

> Instrument utilizes photo-multiplier tube (PMT) as detection device

- Superior to electronic diode allows full benefit of CLIA: increased sensitivity and detection range
- Fully stand alone instrument with an internal thermal printer – computer may be used to download assay data

> NeoLumax Specifications

- Sensitivity of 1 x 10⁻²⁰ M/L
- Essentially no crosstalk
- Power options 110-120/220-240 VAC, 50-60 Hz, 50 Watts, switchable
- USB port allow for import of new software and export of readings, including graphs
- Compact unit with dimensions of 24.7 x 34 x 13 cm and weight of 2.5 kg
- Quality instrument, US-built, CE mark and ISO stan-

dards, NRTL certified

> NeoLumax is completely integrated with our immunoassays

- Preprogrammed with all Monobind's 45+ CLIA tests, parameters and optimal settings to allow plug-and-play
- Exceptionally easy: Simply select test using intuitive touch-screen then insert wells
- Exclusive 2PT Calibration enables labs to cut cost-per-test by using only two calibrators (instead of six) on same lot kits within 20-days of running full curve
- Run with Monobind multi-ligand controls to ensure total quality, recommended for 2PT
- NeoLumax is an open system to allow maximum value for labs and offers a password system for optional closed system control

> Additional Features

- Test storage increased from 100 to 120 tests
- Ten digit alphanumeric sample ID now available for patient tracking
- Administrator tool provides summary of wells read per each stored test to assist distributors with laboratory-use monitoring

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> Today's Most Affordable Analyzer

Making another leap towards bringing CLIA to labs everywhere, Monobind presents LuMatic™, the world's lowest-priced plate chemiluminescence analyzer – a machine optimized for Monobind's AccuLite® reagent line and an excellent plug-in for Monobind's Autoplex™ Automated ELISA and CLIA Analyzer.

> A Winning Combination

Now you can have all the benefits of CLIA technology: sensitivity, speed and dynamic range, in an affordable package. With LuMatic and AccuLite, Monobind gives you the only open-system CLIA platform with a 45+ test menu.

> Tiny Footprint, PC Powered Analytics

LuMatic uses the power and efficiency of your PC to deliver sophisticated data analysis, curve fitting, reporting and data storage. It is based on the same software Monobind's Autoplex Analyzer, and may be used together with a single interface.

Simply connect via USB and load LuMatic's software containing the device manager and AccuLite test data. Then select desired assay(s) and start running AccuLite CLIA right away.

> Test with Ease and Confidence

LuMatic is a user-friendly instrument certified by Monobind to ensure the optimal performance of AccuLite reagents giving you the very best in CLIA testing. Built-in references further maintain peak function with continuous instrument calibration. All the flexibility a clinical lab needs: Users may add new CLIA protocols specifying a variety of calculation modes, including point-to-point, linear and log regressions, and log logit modes and protocol types such as immunometric, competitive, cutoff and raw data.

> Specifications

Detection	Glow chemiluminescence by Photomultiplier Tube (PMT)
Sensitivity/ Limit	HRP 1 x 10 ⁻¹⁸ moles, ALP 1x10 ⁻²¹ moles
Linear Dynamic Range	106 RLU
PC operating system	Win 2000, Win NT, Win XP, Win Vista
Power supply	110-250V AC
Weight, Dimensions	5 kg, 19 x 20.3 x 42 cm
Regulations	NRTL listed, CE



> Key Features

- Drag-and-drop test selection to easily format plate
- Multiple analytes per plate (up to 12)
- Two point calibration using stored curve
- Storage of unlimited protocols (only limit is PC memory)
- Full support of kit lot numbers
- Storage of assay results, allowing off-line reevaluation
- Curve plotting and editing
- Open Instrument for use with other CLIA-assays

> 2-Point Calibration, Big Value

The robustness of AccuLite allows for two-point calibration enabling labs to run more patient samples per plate, reducing reagent use and overall test cost. LuMatic and AccuLite offer a convenient and affordable package designed to bring high quality immunoassays to markets worldwide.

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Impulse 2™ CLIA Plate Reader



> Reaching into the Future

Replacement of RIA with enzyme-based methods has occurred in the last two decades due to low cost and open instrument platforms. And more recently, luminescent substrates have been successfully developed to deliver superior sensitivity, speed and dynamic range. Now, Monobind brings you the combination of its AccuLite™ Immunoassays and Impulse2™ Luminometer, a package specifically designed to offer quality assays at a very attractive cost to markets worldwide.

> Highly Sensitive

The Impulse2™ and AccuLite™ System is distinguished by its exceptionally high sensitivity, thereby allowing clinically significant detection limits with low reagent concentrations. A wide selection of high-quality standardization procedures ensures optimum accuracy and precision in the measurement of assays.

> Simple, Intuitive Menus

A large display helps guide the users. The instrument comes pre-loaded with Monobind AccuLite™ start-up screen and test definitions, so users just select the required protocol from the “protocol management” menu, then simply load the plate and press “measurement.” The use of softkeys with an interactive text display of their associated function makes the Impulse2™ an extremely user-friendly, easy-to-use instrument.

> 2-Point Calibration

The robustness of AccuLite™ allows for two-point calibration on specific assays. This enables labs to run more patient samples per plate, reducing their costs and increasing their efficiency. For instance, a six level calibrator is reduced to two, allowing eight more patient samples (when performing duplicates). Monobind reagents contain ample volume for such use.



> Designed for Clinical Labs

Up to 100 different protocols can be stored. Protocol types are immunometric (ILMA), Competitive (LIA), CutOff and Raw Data. Additionally,

- Automatic Performance Test with optional test plate
- Two point calibrations using stored curve or master curve
- Flexible definition of wells to be measured
- Sequence selection for column or row strip assays
- Multiple assays per plate
- Full support of kit lot numbers
- Storage of assay results, allowing off-line reevaluation
- Robot integration, due to software compatibility and hardware accessibility
- PC connection, for data output to laboratory database systems
- Shaking, 3 modes, variable amplitude and speed
- Sophisticated curve-fitting, logit-log or log-log transformation with optimized auto or manual smoothing
- The curve fitting, provides full standardization
- Storage of standard curves
- Open Instrument for use with other CLIA-assays

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Impulse 3 CLIA Plate Reader

> Monobind is a Leader in CLIA

As a pioneer in open-system chemiluminescence assays, Monobind developed its AccuLite® product line in 2003 capturing the benefits of CLIA technology: sensitivity, speed and dynamic range. In 2005, it launched Impulse, the first open-system luminometer designed for clinical labs providing a critical component in the adoption of CLIA technology worldwide.

Today, AccuLite represents the largest portfolio of open-system CLIA assays with 45+ analytes which Monobind complements with many instrument options, including Impulse3 a hallmark of excellence and precision.



> Highly Sensitive

The Impulse3 and AccuLite System is distinguished by its exceptionally high sensitivity, thereby allowing clinically significant detection limits with low reagent concentrations. A wide selection of high-quality standardization procedures ensures optimum accuracy and precision in the measurement of assays.

> Simple, Intuitive Menus

The instrument connects to a PC via a USB plug and comes with Impulse3 software which contains all AccuLite test definitions. After installation, users simply select desired assay(s) and begin measurement with routines tested and certified by Monobind. The user-friendly interface and integrated reagent package deliver clinical users an unparalleled confidence.

> 2-Point Calibration

The robustness of AccuLite allows for two-point calibration enabling labs to run more patient samples per plate, reducing reagent use and cost. Impulse3 and AccuLite offer a convenient and affordable package designed to bring high quality immunoassays to markets worldwide.

> Designed for Clinical Labs

An unlimited number of protocols may be stored. Protocol types are immunometric (ILMA), Competitive (LIA), CutOff and Raw Data. Additionally,

- Automatic Performance Test with optional test plate
- Two point calibrations using stored curve or master curve
- Flexible definition of wells to be measured
- Sequence selection for column or row strip assays
- Multiple assays per plate (up to eight)
- Full support of kit lot numbers
- Storage of assay results, allowing off-line reevaluation
- Shaking, 3 modes, variable amplitude and speed
- Sophisticated curve-fitting, logit-log or log-log transformation with optimized auto or manual smoothing
- Curve fitting, provides full standardization
- Storage of standard curves
- Open Instrument for use with other CLIA-assays

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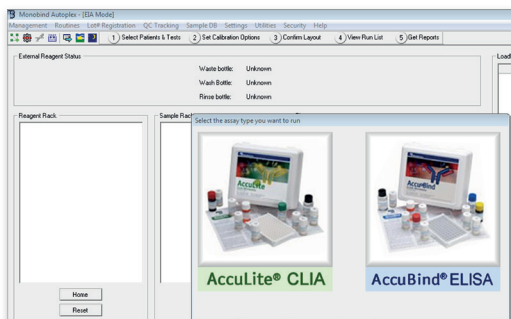
> Monobind offers an automated platform for managing & running assays.

> Features

- Internal optical ELISA reader, CLIA read in separately sold device through integrated software
- Exceptional performance with Monobind immunoassays
- Simultaneous processing of 1 to 12 analytes with automated work-schedule
- Within assay precision ($<4\%$ CV) based on five samples run in duplicate
- Reproducibility of dose response variable ($<3\%$ CV) based on adjacent duplicate samples
- Dose response drift ($<5\%$ CV) based on three positions in microplate
- Excellent correlation (.99 R) and nearly perfect slope with manual method
- Fast processing rates in single plate design
- On average 50 samples performed per hour with Monobind immunoassay
- Dilutions, possible, dispensing single or multiple reagents
- Two syringe pumps for accuracy, stainless steel probes
- Min and max dispensing volumes 2 μ L and 1.95 mL
- Maximum number of specimens 96, up to 44 reagents with standard reagent rack of 27
- Custom reagent rack for Monobind AccuBind and AccuLite kits with easy to read icons



Autoplex shown with optional LuMatic CLIA reader, ask us about package rates.



> Autoplex™ is completely integrated with Monobind's immunoassays

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- Simply choose CLIA or ELISA mode to access test parameters
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AutoPlex[®] 2nd GENERATION

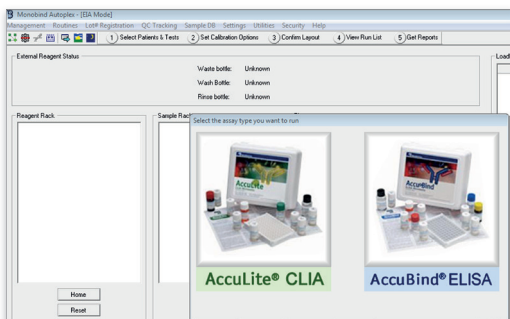
ELISA & CLIA Workstation

Get the convenient, flexible & precise solution for ELISA & CLIA automation



> Features

- Internal optical ELISA and combination luminescence CLIA reader
- Exceptional performance with Monobind immunoassays
- Simultaneous processing of 1 to 12 analytes with automated work-schedule
- Within assay precision (<4% CV) based on five samples run in duplicate
- Reproducibility of dose response variable (<3% CV) based on adjacent duplicate samples
- Dose response drift (<5% CV) based on three positions in microplate
- Excellent correlation (.99 R) and nearly perfect slope with manual method
- Fast processing rates in single plate design
- On average 50 samples performed per hour with Monobind immunoassay
- Dilutions, possible, dispensing single or multiple reagents
- Two syringe pumps for accuracy, stainless steel probes
- Min and max dispensing volumes 2 µl and 1.95 mL
- Maximum number of specimens 96, up to 44 reagents with standard reagent rack of 27
- Custom reagent rack for Monobind AccuBind and AccuLite kits with easy to read icons



> Autoplex is completely integrated with Monobind's immunoassays

- Programmed with all of Monobind's 55+ tests to allow plug-and-play
- Simply choose CLIA or ELISA mode to access test parameters
- PC controlled using intuitive Windows® based program
- Versatile, open system
- NRTL Listed, CE Marked

> Also available in ELISA only model

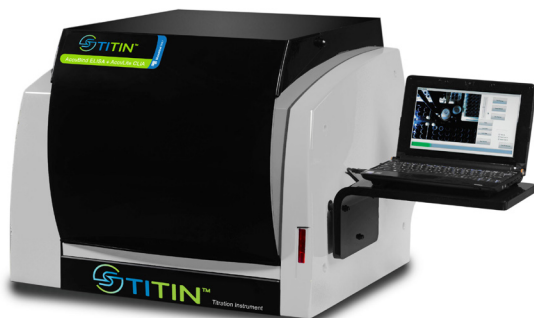
Contact us today to learn more

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Titration Instrument Automation for ELISA & CLIA



**Monobind offers a powerful & compact walk-away platform
manufactured by Gold Standard Diagnostics**

- Internal LED spectrophotometer for ELISA and (optional) combination-luminescence reader for CLIA
- Dual (2) microplate design offers streamlined processing, reading and reporting of results
- Open architecture, fully customizable reporting and test designer allows assay configuration (down to minute detail) with intuitive software (Multilanguage support, Windows-7 based and installed in the included laptop)
- Best-of-breed features: intelligent rack, built-in patient-barcode scanner, and on-board camera for remote troubleshooting
- High-volume sample capacity with 192 patient positions on convenient sliding sample-tray
- Programmable for 16 custom reagent positions
- Simultaneous processing of 1 to 8 analytes in a single batch
- Compact footprint of 2' x 2', fits on 60cm deep standard lab bench and weighs just 65 pounds

Instrument & Software Specifications

- Pre-dilution of samples on one plate, incubator with $\leq 40^{\circ}\text{C}$ (for non-Monobind assays) and two external wash bottles
- Single probe, dual needle with dispense volume up to 500 μl
- Photometer Wavelengths 405, 450, 550, 570 and 620 nm standard (other lengths available)
- Orbital shaker for both plates, with no-spill design, amplitude of 1mm, speeds up to 900RPM and times from 0-2 hours
- Report designer with numerous data reduction options; point-to-point, linear regression, cubic spline, 4PL, 5PL, Lin-Lin, Lin-Log, Log-Log representation
- Power supply 120-265V, 50-60Hz
- Lab System Integration (LSI) with Bi-directional, RS232, USB, TCP/IP options NRTL Listed, CE Marked

Monobind assay integration

- Exceptional performance with Monobind immunoassays and optimized test files
- Within assay precision ($<5\%$ CV) based on five samples run in duplicate
- Excellent correlation and nearly perfect slope with manual method
- Software flexibility post-run in worklist assists users with data analysis and maximizes lab efficiency

Training & Support

- Included virtual or CA-provided training and learning resources by Gold Standard Diagnostics (on-site, fee based on request)
- Front-line operational support by Monobind

Contact us today to learn more

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Notes:



Notes:

Orders & Inquiries

Clinical Laboratories

Please place your orders through the Monobind Distributor in your region. If you do not know your regional distributor, you may contact Monobind for a referral.

Distributors

Existing distributors: please order online by logging into our web site using your account information, or send us a formal purchase order including the item catalog number, description, quantity required, the item rate, extended and total value.

New distributors: we welcome the opportunity to do business with you. To better understand and meet your diagnostic needs, please contact us with your product interest and distribution region. You may also visit us online and complete the New Customer Inquiry Form located in the Support Area of our web site.

Monobind Contact Information

www.monobind.com

Email:

Sales: sales@monobind.com

Orders: orders@monobind.com

Customer Service: customerservice@monobind.com

Technical Support: techsupport@monobind.com

Phone: 949.951.2665

Fax: 949.951.3539

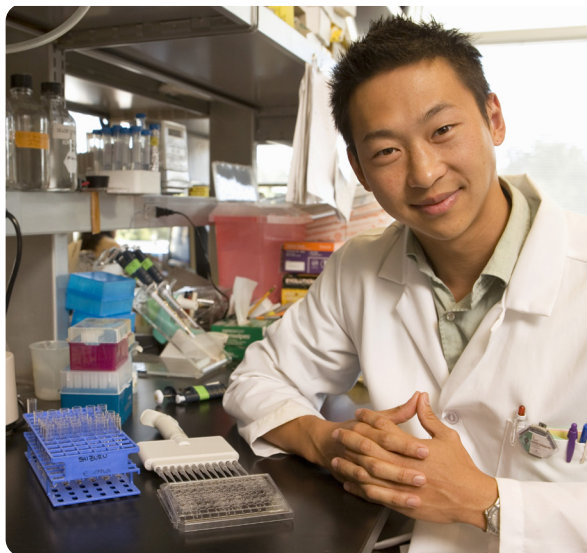
Hours of Operation: 8:30AM – 5PM Pacific Standard Time

Mail:

100 North Pointe Drive

Lake Forest, California 92630





Monobind, Inc. is a leader in diagnostic development and innovation. Founded in 1978, the company has manufactured more than 200 million immunoassays, ranking it among the industry's largest in-vitro diagnostic producers.

As a global provider, Monobind reaches more than 110+ countries with its assays, diagnostic tools, and biological raw materials. Customers such as biomedical researchers, laboratories, manufacturers, and distributors trust Monobind for quality, reliable, and cost-effective products.

With its pioneering experience and recognized R&D authority, Monobind is able to deliver products that set standards of excellence in diagnostic healthcare. We look forward to working with you!



Monobind Inc.

The World Resource for Diagnostic Products