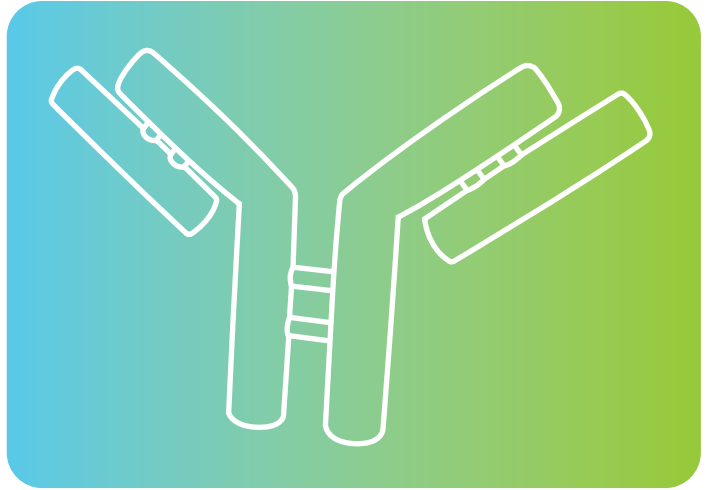


Product Catalog | 2019-2020 Immunoassays, Controls & Equipment



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 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[®], NeoLumax[®], Autoplex[®], TITIN[®] as well as Plate Wash. With TITN, we introduce a larger format automated analyzer with two-reaction plates for ELISA and CLIA assays. Additionally, we provide 100s of applications for existing instrumentation from such companies as Awareness Technology, Gold Standard Diagnostics 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 Registered – ISO 13485 Certified –



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"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

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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 Comparison

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

AUTOIMMUNE THYROID



Anti-Tg	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	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 1st (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	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	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

Calcitonin	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	Calcitonin (Cat #)	9325-300A (96 wells)	9375-300A (96 wells)
Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
Principle	Sandwich Assay, Antibody-Coated Plate	Sandwich Assay, Antibody-Coated Plate	
Calibrators	0, 10, 40, 150, 400, 1000 pg/ml	0, 10, 40, 150, 400, 1000 pg/ml	
Sample	50 µl	50 µl	
Sensitivity	4.4871 pg/ml	4.4871 pg/ml	
Total Assay Time	80 min	50 min	
PTH Intact	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	PTH (Cat #)	9025-300A (96 wells)	9075-300A (96 wells)
Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
Principle	Sandwich Assay, Antibody-Coated Plate	Sandwich Assay, Antibody-Coated Plate	
Calibrators	0, 15, 75, 150, 500, 1000 pg/ml	0, 15, 75, 150, 500, 1000 pg/ml	
Sample	50 µl	50 µl	
Sensitivity	LoB/ LoD 1.39/ 1.50 pg/ml	LoB/ LoD 1.39/ 1.50 pg/ml	
Total Assay Time	80 min	50 min	
PTH Whole & Intact	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	PTH (Cat #)	10025-300A (96 wells)	10075-300A (96 wells)
Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
Principle	Sandwich Assay, Antibody-Coated Plate	Sandwich Assay, Antibody-Coated Plate	
Calibrators	0, 15, 75, 150, 500, 1000 pg/ml	0, 15, 75, 150, 500, 1000 pg/ml	
Sample	50 µl	50 µl	
Sensitivity	LoB/ LoD 1.49/ 1.93 pg/ml	LoB/ LoD 1.49/ 1.93 pg/ml	
Total Assay Time	80-95 min (depending on Gen 2/3)	50-65 min (depending Gen2/3)	
Vitamin D Direct	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	Vit D Direct (Cat #)	9425-300A (96 wells) 9425-300B (192 wells)	9475-300A (96 wells) 9475-300B (192 wells)
Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
Principle	Competitive Assay, Antibody-Coated Plate	Competitive Assay, Antibody-Coated Plate	
Calibrators	0, 5, 10, 25, 46, 85, 150 ng/ml	0, 5, 10, 25, 46, 85, 150 ng/ml	
Sample	25 µl	25 µl	
Sensitivity	1.14 ng/ml	0.517 ng/ml	
Total Assay Time	80 min	60 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 Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Streptavidin Biotin Based Sandwich Assay 0, 5, 25, 50, 250, 500 ng/ml (IRP 72/225) 25 µl 0.44 ng/ml 75 min	Enzyme Immunoassay, Chemiluminescence Streptavidin Biotin Based Sandwich Assay 0, 5, 25, 50, 250, 500 ng/ml (IRP 72/225) 25 µl 0.134 ng/ml 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 Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Competitive Assay 0, 10, 40, 100, 200, 400 U/ml 25 µl 0.2 U/ml 140 min	Enzyme Immunoassay, Chemiluminescence Competitive Assay 0, 10, 40, 100, 200, 400 U/ml 25 µl 0.2 U/ml 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 Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Streptavidin Biotin Based Sandwich Assay 0, 10, 50, 100, 250, 500 U/ml 25 µl 1.0 U/ml 135 min	Enzyme Immunoassay, Chemiluminescence Streptavidin Biotin Based Sandwich Assay 0, 10, 50, 100, 250, 500 U/ml 25 µl 0.04 U/ml 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 Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Streptavidin Biotin Based Sandwich Assay 0, 15, 50, 100, 200, 400 U/ml 25 µl 1.0 U/ml 75 min	Enzyme Immunoassay, Chemiluminescence Streptavidin Biotin Based Sandwich Assay 0, 15, 50, 100, 200, 400 U/ml 25 µl 0.11 U/ml 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 Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Streptavidin Biotin Based Sandwich Assay 0, 5, 10, 25, 50, 250 ng/ml (IRP 73/601) 25 µl 1.0 ng/ml 75 min	Enzyme Immunoassay, Chemiluminescence Streptavidin Biotin Based Sandwich Assay 0, 5, 10, 25, 50, 250 ng/ml (IRP 73/601) 25 µl 0.5 ng/ml 50 min	

CANCER MARKERS cont.



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	0.063 ng/ml	
Total Assay Time	75 min	50 min	

fβhCG	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	Free β-hCG (Cat #)	2025-300A (96 wells)	2075-300A (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	0.026 ng/ml	0.00314 ng/ml	
Total Assay Time	60 min	50 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	

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	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 (IS 96/670)	0, 1, 2.5, 5, 10, 25 ng/ml (IS 96/670)	
Sample	25 µl	25 µl	
Sensitivity	4.72 pg/ml	1.1 pg/ml	
Total Assay Time	45 min	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	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay	
Calibrators	0, 0.5, 1, 2.5, 5, 10 ng/ml (1st IS 96/668)	0, 0.5, 1, 2.5, 5, 10 ng/ml (1st IS 96/668)	
Sample	50 µl	50 µl	
Sensitivity	0.008 ng/ml	0.015 ng/ml	
Total Assay Time	75 min	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)
Digoxin	Item	AccuBind® ELISA Microwells	AccuLite® CLIA Microwells
	Digoxin (Cat #)	925-300A (96 wells)	975-300A (96 wells)
HS-CRP	Item	AccuBind® ELISA Microwells	AccuLite® CLIA Microwells
	HS-CRP (Cat #)	3125-300A (96 wells)	3175-300A (96 wells)
Myoglobin	Item	AccuBind® ELISA Microwells	AccuLite® CLIA Microwells
	Myoglobin (Cat #)	3225-300A (96 wells) 3225-300B (192 wells)	3275-300A (96 wells) 3275-300B (192 wells)
cTnl	Item	AccuBind® ELISA Microwells	AccuLite® CLIA Microwells
	cTnl (Cat #)	3825-300A (96 wells) 3825-300B (192 wells)	3875-300A (96 wells) 3875-300B (192 wells)

ENDOCRINE



ACTH	AccuBind [®] ELISA Microwells		AccuLite [®] CLIA Microwells	
	Item			
	Insulin (Cat #)	10625-300A (96 wells)		10675-300A (96 wells)
	Method	Enzyme Immunoassay, Colorimetric		Enzyme Immunoassay, Chemiluminescence
	Principle	Sandwich Assay, Antibody-Coated Plate		Sandwich Assay, Antibody-Coated Plate
	Calibrators	0, 20, 100, 250, 750, 2000 pg/ml		0, 20, 100, 250, 750, 2000 pg/ml
	Sample	50 µl		50 µl
	Sensitivity	LoB/ LoD 0.054/ 0.095 pg/ml		LoB/ LoD 0.054/ 0.095 pg/ml
	Total Assay Time	80 min		50 min

Aldosterone	AccuBind [®] ELISA Microwells		AccuLite [®] CLIA Microwells	
	Item			
	Insulin (Cat #)	10125-300A (96 wells)		10175-300A (96 wells)
	Method	Enzyme Immunoassay, Colorimetric		Enzyme Immunoassay, Chemiluminescence
	Principle	Streptavidin Biotin Based Sandwich Assay		Streptavidin Biotin Based Sandwich Assay
	Calibrators	0, 25, 125, 250, 500, 1500 pg/ml		0, 25, 125, 250, 500, 1500 pg/ml
	Sample	25 µl		25 µl
	Sensitivity	LoB/ LoD 14.39/ 22.18 pg/ml		LoB/ LoD 15.36/ 19.65 pg/ml
	Total Assay Time	80 min		65 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 0.75 µIU/ml*		0.114 µIU/ml
	Total Assay Time	135 min 75 min*		65 min

FERTILITY

AMH	AccuBind [®] ELISA Microwells		AccuLite [®] CLIA Microwells	
	Item			
	hCG (Cat #)	9725-300A (96 wells)		9775-300A (96 wells)
	Method	Enzyme Immunoassay, Colorimetric		Enzyme Immunoassay, Chemiluminescence
	Principle	Competitive Assay, Antibody-Coated Plate		Competitive Assay, Antibody-Coated Plate
	Calibrators	0, 0.2, 0.5, 1.0, 5, 15 ng/ml		0, 0.2, 0.5, 1.0, 5, 15 ng/ml
	Sample	50 µl		50 µl
	Sensitivity	LoB/ LoD 0.024/ 0.045 ng/ml		LoB/ LoD 0.0069/ 0.035 ng/ml
	Total Assay Time	80 min		65 min

FERTILITY cont.

hCG	Item	AccuBind ELISA Microwells	AccuLite CLIA Microwells
	hCG (Cat #)	825-300A (96 wells) 825-300B (192 wells)	875-300A (96 wells) 875-300B (192 wells)
hCG Extended Range	Item	AccuBind ELISA Microwells	AccuLite CLIA Microwells
	hCG XR (Cat #)	8825-300A (96 wells) 8825-300B (192 wells)	8875-300A (96 wells) 8875-300B (192 wells)
Rapid hCG	Item	AccuBind ELISA Microwells	
	RhCG(Cat #)	3325-300A (96 wells) 3325-300B (192 wells)	
FSH	Item	AccuBind ELISA Microwells	AccuLite CLIA Microwells
	FSH (Cat #)	425-300A (96 wells) 425-300B (192 wells)	475-300A (96 wells) 475-300B (192 wells)
LH	Item	AccuBind ELISA Microwells	AccuLite CLIA Microwells
	LH (Cat #)	625-300A (96 wells) 625-300B (192 wells)	675-300A (96 wells) 675-300B (192 wells)



PAPP-A	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	PAPP-A (Cat #)	12625-300A (96 wells)	12675-300A (96 wells)
Method	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
Principle	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay	
Calibrators	0, 0.64, 1.6, 3.2, 9.6, 32 µg/ml	0, 0.64, 1.6, 3.2, 9.6, 32 µg/ml	
Sample	10 µl	10 µl	
Sensitivity	0.125 µg/ml	0.125 µg/ml	
Total Assay Time	110 min	80 min	
PRL	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	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	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	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	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	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 µIU/ml (2nd IS 98/574)	0, 2, 10, 25, 50, 150 µIU/ml (2nd IS 98/574)	
Sample	50 µl	50 µl	
Sensitivity	0.104 µIU/ml	0.118 µIU/ml	
Total Assay Time	75 min	50 min	

INFECTIOUS DISEASES

X-h Pylori IgA	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	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	

INFECTIOUS DISEASES cont.

X-h Pylori IgG	Item	AccuBind® ELISA Microwells	AccuLite® CLIA Microwells
	Anti-H. Pylori IgG	1425-300A (96 wells)	1475-300A (96 wells)
X-h Pylori IgM	Item	AccuBind® ELISA Microwells	AccuLite® CLIA Microwells
	Anti-H. Pylori IgM	1525-300A (96 wells)	1575-300A (96 wells)
Procalcitonin	Item	AccuBind® ELISA Microwells	AccuLite® CLIA Microwells
	PCT (Cat #)	9225-300A (96 wells)	9275-300A (96 wells)

NEONATAL THYROID

N-TBG	Item	AccuBind® ELISA Microwells		
	NTBG (Cat #)	8925-300A (96 wells)	8925-300B (192 wells)	
N-TSH	Item	AccuBind® ELISA Microwells		
	NTSH (Cat #)	3425-300A (96 wells) 3425-300B (192 wells)	3425-300D (480 wells) 3425-300E (960 wells)	3425-300F (1920 wells)
N-T4	Item	AccuBind® ELISA Microwells		
	NT4 (Cat #)	2625-300A (96 wells) 2625-300B (192 wells)	2625-300D (480 wells) 2625-300E (960 wells)	2625-300F (1920 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

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-170HP**

Item	AccuBind[®] ELISA Microwells	
N170HP (Cat #)	5525-300A (96 wells)	5525-300B (192 wells)
Method	Enzyme Immunoassay, Colorimetric	
Principle	Competitive Assay	
Calibrators	0-105 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**ANST**

Item	AccuBind[®] ELISA Microwells	AccuLite[®] CLIA Microwells
Cortisol (Cat #)	12425-300A (96 wells)	12475-300A (96 wells)
Method	Enzyme Immunoassay, Colorimetric	
Principle	Competitive Assay, Antibody-Coated Plate	
Calibrators	0, 0.1, 0.3, 1, 3, 10 ng/ml	
Sample	25 µl	
Sensitivity	LoB 0.025 ng/ml	
Total Assay Time	80 min	50 min

Cortisol

Item	AccuBind[®] ELISA Microwells	AccuLite[®] CLIA Microwells
Cortisol (Cat #)	3625-300A (96 wells)	3675-300A (96 wells)
Method	Enzyme Immunoassay, Colorimetric	
Principle	Streptavidin Biotin Based Competitive Assay	
Calibrators	0, 1, 4, 10, 20, 50 µg/dl	
Sample	25 µl	
Sensitivity	0.366 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	
Principle	Competitive Assay	
Calibrators	0, 0.5, 2, 5, 10, 30 ng/ml	
Sample	25 µl	
Sensitivity	0.10 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	
Principle	Competitive Assay	
Calibrators	0, 0.2, 1, 2, 4, 8 µg/ml	
Sample	10 µl	
Sensitivity	0.042 µg/ml	
Total Assay Time	45 min	35 min

E1

Item	AccuBind[®] ELISA Microwells	AccuLite[®] CLIA Microwells
E1 (Cat #)	10325-300A (96 wells)	10375-300A (96 wells)
Method	Enzyme Immunoassay, Colorimetric	
Principle	Competitive Assay	
Calibrators	0, 15, 30, 100, 300, 1000 pg/ml	
Sample	25 µl	
Sensitivity	LoB/ LoD 6.03/ 10.68 pg/ml	
Total Assay Time	65 min	50 min

STEROIDS cont.

E2	Item AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells	
	E2 (Cat #)	4925-300A (96 wells)	4975-300A (96 wells)
	Method Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Competitive Assay 0, 20, 100, 250, 500, 1500 & 3000 pg/ml 25 µl 8.2 pg/ml 140 min	Enzyme Immunoassay, Chemiluminescence Competitive Assay 0, 20, 100, 250, 500, 1500 & 3000 pg/ml 25 µl 4.162 pg/ml 95 min
uE3	Item AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells	
	uE3 (Cat #)	5025-300A (96 wells)	5075-300A (96 wells)
	Method Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Competitive Assay 0, 0.4, 2.0, 5, 15 & 30 ng/ml 25 µl 0.115 ng/ml 75 min	Enzyme Immunoassay, Chemiluminescence Competitive Assay 0, 0.4, 2.0, 5, 15 & 30 ng/ml 25 µl 0.237 ng/ml 50 min
Progesterone	Item AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells	
	Progesterone (Cat #)	4825-300A (96 wells)	4875-300A (96 wells)
	Method Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Competitive Assay 0, 0.3, 2, 5, 15, 30 and 60 ng/ml 25 µl 0.105 ng/ml 80 min	Enzyme Immunoassay, Chemiluminescence Competitive Assay 0, 0.3, 2, 5, 15, 30 and 60 ng/ml 25 µl 0.208 ng/ml 65 min
17OHP	Item AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells	
	17OHP (Cat #)	5225-300A (96 wells)	5275-300A (96 wells)
	Method Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Competitive Assay 0, 0.1, 0.5, 1.0, 2.5, 10 ng/ml 25 µl 0.077 ng/ml 80 min.	Enzyme Immunoassay, Chemiluminescence Competitive Assay 0, 0.1, 0.5, 1.0, 2.5, 10 ng/ml 25 µl 0.040 ng/ml 50 min
17OHP-SI	Item AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells	
	17OHP-SI (Cat #)	9925-300A (96 wells)	9975-300A (96 wells)
	Method Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Competitive 0, 0.1, 0.5, 1.0, 5, 10, 20 ng/ml 25 µl 0.03 ng/ml 80 min.	Enzyme Immunoassay, Chemiluminescence Competitive 0, 0.1, 0.5, 1.0, 5, 10, 20 ng/ml 25 µl 0.03 ng/ml 50 min
SHBG	Item AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells	
	SHBG (Cat #)	9125-300A (96 wells)	9175-300A (96 wells)
	Method Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Streptavidin Biotin Based Sandwich Assay 0, 10, 25, 50, 100, 250 nmol/L (2nd IS 08/266) 25 µl 0.0122 nmol/L 45 min	Enzyme Immunoassay, Chemiluminescence Streptavidin Biotin Based Sandwich Assay 0, 10, 25, 50, 100, 250 nmol/L (2nd IS 08/266) 25 µl 0.0132 nmol/L 35 min

STEROIDS cont.



Testosterone	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	Testosterone (Cat #)	3725-300A (96 wells)	3775-300A (96 wells)
Method Principle	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
Calibrators	Streptavidin Biotin Based Competitive Assay	Streptavidin Biotin Based Competitive Assay	
Sample	0, 0.1, 0.5, 1, 2.5, 5, 12 ng/ml	0, 0.1, 0.5, 1, 2.5, 5, 12 ng/ml	
Sensitivity	10 µl	10 µl	
Total Assay Time	0.0576 ng/ml	0.0371 ng/ml	
	75 min	50 min	

Free Testosterone	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	Free Testosterone (Cat #)	5325-300A (96 wells)	5375-300A (96 wells)
Method Principle	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
Calibrators	Streptavidin Biotin Based Competitive Assay	Streptavidin Biotin Based Competitive Assay	
Sample	0, 0.2, 1, 2.5, 7.5, 20, 60 pg/ml	0, 0.2, 1, 2.5, 7.5, 20, 60 pg/ml	
Sensitivity	20 µl	20 µl	
Total Assay Time	LoB/ LoD 0.0295/ 0.0519 pg/ml	0.120 pg/ml	
	75 min	50 min	










THYROID

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 Principle	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
Calibrators	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay	
Sample	1, 4, 8, 16, 32, 64 µg/ml (IS 88/638)	1, 4, 8, 16, 32, 64 µg/ml (IS 88/638)	
Sensitivity	10 µl	10 µl	
Total Assay Time	1.0 µg/ml	1.0 µg/ml	
	45 min	35 min	

Tg	Item	AccuBind [®] ELISA Microwells	AccuLite [®] CLIA Microwells
	Tg (Cat #)	2225-300A (96 wells)	2275-300A (96 wells)
Method Principle	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
Calibrators	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay	
Sample	0, 2.0, 10, 40, 100, 250 ng/ml	0, 2.0, 10, 40, 100, 250 ng/ml	
Sensitivity	50 µl	50 µl	
Total Assay Time	0.44 ng/ml	0.031 ng/ml	
	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 Principle	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
Calibrators	Streptavidin Biotin Based Sandwich Assay	Streptavidin Biotin Based Sandwich Assay	
Sample	0, 0.5, 2.5, 5.0, 10, 20, 40 µIU/ml-2nd (IRP 80/558)	0, 0.5, 2.5, 5.0, 10, 20, 40 µIU/ml (2nd IRP 80/558)	
Sensitivity	50 µl	50 µl	
Total Assay Time	0.078 µIU/ml 0.027 µIU/ml	0.0062 µIU/ml	
	75 min 135 min	50 min	

THYROID cont.

Rapid TSH				
	Item			
Rapid TSH (Cat #)	6025-300A (96 wells) 6025-300B (192 wells)		6075-300A (96 wells) 6075-300B (192 wells)	
Method Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Streptavidin Biotin Based Sandwich Assay 0, 0.5, 2.5, 10, 30, 100 µU/ml-2nd (IRP 80/558) 25 µl 30 Min incubation: 0.10 µIU/ml 45 min		Enzyme Immunoassay, Chemiluminescence Streptavidin Biotin Based Sandwich Assay 0, 0.5, 2.5, 10, 30, 100 µU/ml-2nd (IRP 80/558) 25 µl 0.03 µIU/ml 35 min	
T3				
	Item			
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 Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Competitive Assay 0, 0.5, 1.0, 2.5, 5.0, 7.5 ng/ml 50 µl 0.04 ng/ml 75 min		Enzyme Immunoassay, Chemiluminescence Competitive Assay 0, 0.5, 1.0, 2.5, 5.0, 7.5 ng/ml 50 µl 0.126 ng/ml 50 min	
T3 Rapid				
	Item			
T3 Rapid (Cat #)	11225-300A (96 wells) 11225-300B (192 wells)			
Method Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Competitive Assay, Antibody-Coated Plate 0, 0.5, 1.0, 2.5, 5.0, 7.5 ng/ml 50 µl 0.068 ng/ml 45 min (from 75 min)			
T3 SBS				
	Item			
T3 (Cat #) SBS	8125-300A (96 wells) 8125-300B (192 wells)		8175-300A (96 wells) 8175-300B (192 wells)	
Method Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Competitive Assay (Streptavidin Based) 0, 0.5, 1.0, 2.5, 5.0, 7.5 ng/ml 50 µl 0.4 ng/ml 75 min		Enzyme Immunoassay, Chemiluminescence Competitive Assay (Streptavidin Based) 0, 0.5, 1.0, 2.5, 5.0, 7.5 ng/ml 50 µl 0.04 ng/ml 50 min	
T3U				
	Item			
T3-Uptake (Cat #)	525-300A (96 wells) 525-300B (192 wells)		575-300A (96 wells) 575-300B (192 wells)	
Method Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Competitive Assay 18, 25, 35, 47 %U* (Lot Specific) 25 µl N/A 75 min		Enzyme Immunoassay, Chemiluminescence Competitive Assay 18, 25, 35, 47 %U* (Lot Specific) 25 µl N/A 50 min	



FT3	Item	AccuBind® ELISA Microwells	AccuLite® CLIA Microwells
	FT3 (Cat #)	1325-300A (96 wells) 1325-300B (192 wells) 1325-300D (480 wells) 1325-300E (960 wells)	1375-300A (96 wells) 1375-300B (192 wells) 1375-300D (480 wells) 1375-300E (960 wells)
	Method Principle Calibrators Sample Sensitivity Total Assay Time	Enzyme Immunoassay, Colorimetric Competitive Assay 0, 1.0, 3.0, 5.0, 8.0, 16.0 pg/ml* (Lot Specific) 50 µl 0.835 pg/ml 75 min	Enzyme Immunoassay, Chemiluminescence Competitive Assay 0, 1.0, 3.0, 5.0, 8.0, 16.0 pg/ml* (Lot Specific) 50 µl 0.742 pg/ml 50 min
T4	Item	AccuBind® ELISA Microwells	AccuLite® CLIA Microwells
	T4 (Cat #)	225-300A (96 wells) 225-300B (192 wells) 225-300D (480 wells) 225-300E (960 wells)	275-300A (96 wells) 275-300B (192 wells) 275-300D (480 wells) 275-300E (960 wells)
	Method Principle Calibrators Sample Sensitivity Time	Enzyme Immunoassay, Colorimetric Competitive Assay 0, 2.0, 5.0, 10.0, 15.0, 25.0 µg/dl 25 µl 0.128 µg/dl 75 min	Enzyme Immunoassay, Chemiluminescence Competitive Assay 0, 2.0, 5.0, 10.0, 15.0, 25.0 µg/dl 25 µl 0.318 µg/dl 50 min
T4 Rapid	Item	AccuBind® ELISA Microwells	
	T4 Rapid (Cat #)	11125-300A (96 wells) 11125-300B (192 wells)	
	Method Principle Calibrators Sample Sensitivity Time	Enzyme Immunoassay, Colorimetric Competitive Assay, Antibody-Coated Plate 0, 2.0, 5.0, 10.0, 15.0, 25.0 µg/dl 20 µl 0.128 µg/dl 45 min (from 75 min)	
T4 SBS	Item	AccuBind® ELISA Microwells	AccuLite® CLIA Microwells
	T4 (Cat #) SBS	8225-300A (96 wells) 8225-300B (192 wells) 8225-300D (480 wells) 8225-300E (960 wells)	8275-300A (96 wells) 8275-300B (192 wells) 8275-300D (480 wells) 8275-300E (960 wells)
	Method Principle Calibrators Sample Sensitivity Time	Enzyme Immunoassay, Colorimetric Competitive Assay (Streptavidin Based) 0, 2.0, 5.0, 10.0, 15.0, 25.0 µg/dl 25 µl 0.4 µg/dl 75 min	Enzyme Immunoassay, Chemiluminescence Competitive Assay (Streptavidin Based) 0, 2.0, 5.0, 10.0, 15.0, 25.0 µg/dl 50 µl 0.2 µg/dl 50 min
FT4	Item	AccuBind® ELISA Microwells	AccuLite® CLIA Microwells
	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

VAST

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ANEMIA PANEL

Folate, Vit B12	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	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
Calibrators	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	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	
Sample Sensitivity	Folate, Vit B12: 50 µl Folate: 0.52 ng/ml Vit B12: 70.13 pg/ml	Folate, Vit B12: 50 µl Folate: 0.23 ng/ml Vit B12: 42.12 pg/ml	
Total Assay Time	Folate: 65 min Vit B12: 95 min	Folate: 50 min Vit B12: 80 min	

CANCER PANEL

AFP,CEA,PSA	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	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
Calibrators	Streptavidin Biotin Based Sandwich Assay AFP: 0, 5, 25, 100, 250, 500ng/ml (IRP 72/225) CEA: 0, 5, 10, 25, 100, 250ng/ml (IRP 73/601) PSA: 0, 2, 5, 10, 25, 50ng/ml (IS 96/670)	Streptavidin Biotin Based Sandwich Assay AFP: 0, 5, 25, 100, 250, 500ng/ml (IRP 72/225) CEA: 0, 5, 10, 25, 100, 250ng/ml (IRP 73/601) PSA: 0, 2, 5, 10, 25, 50ng/ml (IS 96/670)	
Sample Sensitivity	AFP, CEA, PSA: 25µl AFP: 0.454 ng/ml CEA: 0.078 ng/ml PSA: 0.041 ng/ml	AFP, CEA, PSA: 25µl AFP: 0.168 ng/ml CEA: 0.018 ng/ml PSA: 0.004 ng/ml	
Total Assay Time	75 min	50 min	



DIABETES PANEL

C-peptide, Insulin	Item		
	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	Enzyme Immunoassay, Colorimetric	Enzyme Immunoassay, Chemiluminescence	
Calibrators	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	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 Sensitivity	Insulin, C-peptide: 50 µl Insulin: 0.182 µIU/ml and C-peptide: 0.020 ng/ml	Insulin, C-peptide: 50 µl 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	 ELISA Microwells	 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	Enzyme Immunoassay, Colorimetric Streptavidin Biotin Based Sandwich Assay	Enzyme Immunoassay, Chemiluminescence Streptavidin Biotin Based Sandwich Assay
Calibrators	hCG: 0, 25, 100, 250, 500, 1000mIU/ml (3rd IS 75/537) FSH: 0, 5, 10, 25, 50, 100 mIU/ml (2nd IRP 78/549) LH: 0, 5, 25, 50, 100, 200 mIU/ml (1st IRP 68/40) PRLs: 0, 10, 25, 50, 100, 250 ng/ml (3rd IS 84/500)	hCG: 0, 25, 100, 250, 500, 1000mIU/ml (3rd IS 75/537) FSH: 0, 5, 10, 25, 50, 100 mIU/ml (2nd IRP 78/549) LH: 0, 5, 25, 50, 100, 200 mIU/ml (1st IRP 68/40) PRLs: 0, 10, 25, 50, 100, 250 ng/ml (3rd IS 84/500)
Sample	hCG & PRLs: 25µl FSH & LH: 50µl	hCG & PRLs: 25µl FSH & LH: 50µl
Sensitivity	hCG: 3 mIU/ml FSH: 0.4 mIU/ml LH: 0.5 mIU/ml PRLs: 1.6 ng/ml	hCG: 5 mIU/ml FSH: 0.2 mIU/ml LH: 0.2 mIU/ml PRLs: 0.8 ng/ml
Total Assay Time	hCG: 3.5 min FSH,LH,PRLs: 75 min	hCG: 25min FSH,LH: 50min, PRLs: 65min



PRENATAL PANEL

AFP, hCG, uE3



Item	 ELISA Microwells	 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	Enzyme Immunoassay, Colorimetric Streptavidin Biotin Based Sandwich Assay	Enzyme Immunoassay, Chemiluminescence Streptavidin Biotin Based Sandwich Assay
Calibrators	AFP: 0, 10, 25, 75, 150, 400 ng/ml hCG: 0, 10, 25, 50, 100, 250 mIU/ml uE3: 0, 0.5, 1.0, 2.5, 10, 20 ng/ml	AFP: 0, 10, 25, 75, 150, 400 ng/ml hCG: 0, 10, 25, 50, 100, 250 mIU/ml uE3: 0, 0.5, 1.0, 2.5, 10, 20 ng/ml
Sample	AFP, hCG, uE3: 25 µl	AFP, hCG, uE3: 25 µl
Sensitivity	AFP: 1.0 ng/ml, hCG: 0.8 mIU/ml uE3: 0.115 ng/ml	AFP: 1.0 ng/ml, hCG: 0.8 mIU/ml uE3: 0.115 ng/ml
Total Assay Time	75 min	50 min

THYROID PANEL

T3, T4, TSH

Item	 ELISA Microwells	 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 Principle	Enzyme Immunoassay, Colorimetric Streptavidin Biotin Based Sandwich Assay	Enzyme Immunoassay, Chemiluminescence 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	T3, TSH: 50 µl T4: 25 µl	T3, TSH: 50 µl T4: 25 µl
Sensitivity	T3: 0.04 ng/ml T4: 0.4 µg/dl TSH: 0.078 µIU/ml (1 hour incubation)	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	 ELISA Microwells	 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 Principle	Enzyme Immunoassay, Colorimetric Streptavidin Biotin Based Sandwich Assay	Enzyme Immunoassay, Chemiluminescence 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	ft3: 50 µl, TSH & FT4: 25µl	ft3: 50 µl, TSH & FT4: 25µl
Sensitivity	ft3: 0.04 pg/ml, ft4: 0.04 ng/dl TSH: 0.065 µIU/ml (1 hour incubation)	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 #) Analytes Sensitive & Specific Packaging Shelf Life Universal Control Assayed Values	ML-300B 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, Vit D, 17OHP Human Serum Based 3 levels x 2 each at 3 ml fill = 18 ml 3 years unopened & 30 day open at 2-8°C Use with RIA, EIA, ELISA, CLIA, FIA & FPIA Mean analysis for Monobind AccuBind ELISA & AccuLite CLIA



Maternal	Item	Maternal Tri-Level Control, Dried
	(Cat #)	MC-300
	Description	Tri-level control for hCG, Free β hCG, AFP, and uE3 for pregnancy monitoring
	Sensitive & Specific	Human Serum Based
	Packaging	3 levels x 2 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	
Assayed Values	Mean analysis for Monobind AccuBind ELISA & AccuLite CLIA	

CONTROLS cont.



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

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

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

› [Contact us with your project.](#)

DILUANTS

“0” Calibrator Matrix	Item	440MM	625MM	144MM	8525145MM	731MM
	Use	0 Calibrator for multi-ligands (see website for analyte list)	0 Calibrator for Steroid (All) & Thyroid (T3, T4, TSH) Assays	Dilutant for Anti-Tg, Anti-TPO, Anti-H-Pylori Assays	Dilutant for High Value Pregnancy Patients & Assays	0 Calibrator for FSH, Ferritin, Folate & Vit B12
	Volume	20 ml	20 ml	20 ml	40 ml	20 ml

Plate Wash

Fully Automated Plate Washer



> Fast, Precise, Reliable, and Programmable

- Washes flat, round, and V-bottom plates and strips.
- No user adjustments required. Automatic calibration, alignment, and last row detection.
- Wash cycles set for Monobind assays.
- 6 ready-to-run wash programs.
- Large, non-volatile memory stores at least 50 user-specified wash protocols.
- Precision operation with constant monitoring of vacuum and pressure. Pump cycles only when necessary for quiet operation.
- Programmable automatic rinse cycle.
- Ready to run: bottles, aerosol shield, 8-way manifold included.
- 12 and 16 position wash heads available.
- NRTL and CE certified.



New Design. Touch Screen. Multiple Analyte Reading & More.

neo eldex



Ready-to-use ELISA instrument programmed with Monobind assays and proprietary formula designed, optimized and certified by Monobind for two-point analysis.

> 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 3strips 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



Broad Spectrum of 30+ Analytes



Available in 55+ analytes

prismaticTM

ELISA Microplate Reader



> Compact Convenience

'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 manger 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



New Design. Touch Screen. Multiple Analyte Reading & More.

neo lumax



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 1×10^{-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 standards, 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



Broad Spectrum of 30+ Analytes



Available in 55+ Analytes



> 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.



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

AutoPlex[®]

ELISA & CLIA Workstation

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

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



> 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
- Internal CLIA reader in development
- PC controlled using intuitive Windows[®] based program
- Versatile, open system
- NRTL Listed, CE Marked

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



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



TITIN-s™ Titration Instrument Automation for ELISA & CLIA



Monobind offers a powerful & compact walk-away platform manufactured by Gold Standard Diagnostics in Single Plate Design

- Internal LED spectrophotometer for ELISA and (optional) combination-luminescence reader for CLIA
- Single 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)
- High-volume sample capacity with 96 patient positions on convenient sliding sample-tray with option for 12, 13 and 16 mm diameter tubes (or custom)
- Programmable for 9 custom reagent positions
- Simultaneous processing of 1 to 8 analytes in a single batch
- Low consumable costs, no disposable tips
- Compact footprint of 2' x 2', fits on 53cm deep standard lab bench and weighs just 60 pounds
- Cost effective and efficient

Instrument & Software Specifications

- Pre-dilution plate for samples (in addition to reaction-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 300 μl
- Photometer wavelengths 405, 450, 490, 550 and 630 nm standard (other lengths available)
- Linear shaker, 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 for AccuBind® ELISA and AccuLite® CLIA (55+ analytes)
- Within assay precisions <5% on five plus sample duplication
- 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

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.



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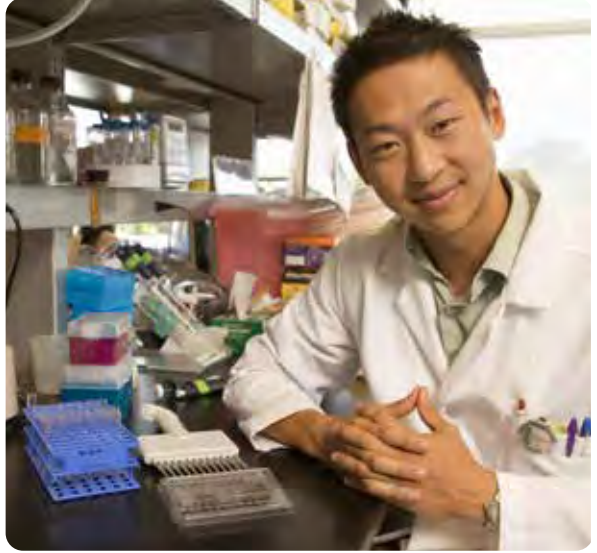
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Monobind, Inc. is a leader in diagnostic development and innovation. Founded in 1978, the company has manufactured more than 200 million immunoassays, ranking it among the industry's largest in-vitro diagnostic producers.

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.