

LINE & Dot Assays



Simply innovative diagnostics

Valid from January 12th, 2021



Manual Assays

	Gastrointestinal Diseases				Neuropathies	Anti phospholipid Syndrome
Autoantibody specificity	4202 CeliAK IgG LINE	4208 CeliAK IgA LINE	4220 BiermAK LINE	4290 Gastro 5 LINE	5003 Anti-Gangliosid Dot	5012 Anti-Phospholipid Dot
Deamidated gliadin	+	+		+		
Tissue transglutaminase	+	+		+		
anti-IgA/anti-IgG	-/+	+/-		+/+		
PCA			+	+		
Intrinsic factor			+	+		
Mannan				+		
GM1					+	
GM2					+	
GM3					+	
GM4					+	
GD1a					+	
GD1b					+	
GD2					+	
GD3					+	
GT1a					+	
GT1b					+	
GQ1b					+	
Sulfatides					+	
Cardiolipin						+
Phosphatidic acid						+
Phosphatidylcholine						+
Phosphatidylethanolamine						+
Phosphatidylglycerol						+
Phosphatidylinositol						+
Phosphatidylserine						+
Annexin V						+
β2GPI						+
Prothrombin						+

Manual Assays

	Systemic Inflammatory Rheumatic Diseases (ANA/ENA Profiles)				Vasculitis/ Nephritis	Autoimmune Hepatitis	
Autoantibody specificity	4074 ANAscl Plus Dot	4049 PMScl Plus Dot	4289 ANA 12 LINE	4291 ANA18 LINE <small>NEW</small>	4028 ANCA Dot	4030 HepAK ^{plus} Dot	4099 HepAK 7 ^{plus} Dot
Nucleosomes			+	+			
Histones			+	+			
dsDNA			+	+			
Sm/RNP	+		+	+			
RNP (A, C, 68)			+	+			
Sm	+		+	+			
SS-A/Ro60	+		+	+			
SS-A/Ro52			+	+			
SS-B	+		+	+			
Jo-1	+	+	+	+			
Scl-70	+	+	+	+			
PMScl	+	+		+			
CENP A/B	+/+		-/+	+/+			
P0			+	+			
PCNA	+			+			
Ku	+	+					
Mi-2		+					
PL7		+					
PL12		+					
SRP		+					
PR3					+		
MPO					+		
GBM					+		
AMA-M2				+		+	+
Sp100							+
Gp210							+
f-Actin				+		+	+
SLA						+	+
LKM1						+	+
LC1						+	+
DFS-70				+			



for the DotDiver2.0

Compact, Integrated System for Automated Immunodot Assays

UNIQUE FEATURES

FLEXIBLE

Simultaneous performance of up to 24 different assays in an unprecedented short time.

EASY

Load the test strips, the reagent cartridges and apply the patient's samples. Start the system via touch screen.

AUTOMATED

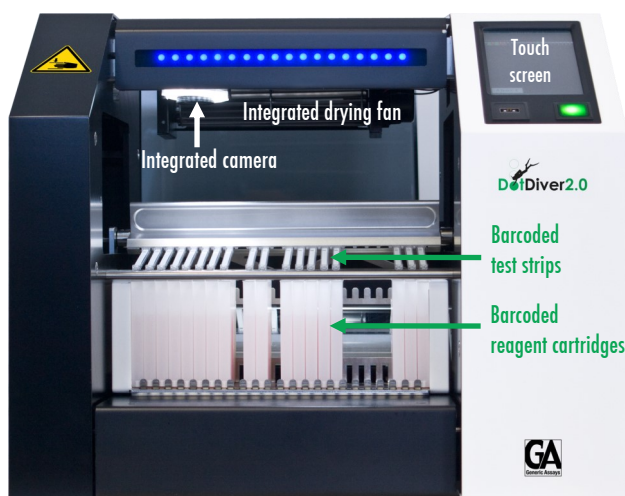
The tests are carried out fully automated according to established protocols.

COMPLETE

No additional tools needed (no washer, no laboratory shaker, no scanner or extra software).

FAST

The DotDiver2.0 is much faster than comparable manual tests. The new built in components allow a reliable post assay handling.



SAFE

Automated validation of the test strip - reagent cartridge combination by the associated barcodes.

RELIABLE

No pumps - no dead volume - no liquid handling. The standardized, automated test process ensures repeatable results.

SPACE SAVING

Compact machine with small footprint.

POST ASSAY HANDLING

Integrated drying of finalized test strips for a standardized image generation.

AUTOMATED RESULT GENERATION

Integrated reading of results from finalized test strips using the onboard camera. The specially designed software calculates semi-quantitative and quantitative (Quantrix assay) results.

LIMS COMPATIBLE

The DotDiver2.0 can be linked to any LIMS system and results can also be printed and stored.

TEST PROPERTIES

Repeated diving of the test strips provides an optimal reaction environment (decrease of incubation time). Specified protocols control the entire testing process.

Automated Dot/LINE Assays for the DotDiver2.0

	Celiac Disease		Pernicious Anemia	Neuropathies			Anti-phospholipid Syndrome	
Autoantibody specificity	5014 CeliAK IgA	5015 CeliAK IgG	5019 BiermAK	50301 Anti-Gangliosid screen	50381 Anti-Gangliosid IgG	50391 Anti-Gangliosid IgM	50401 Anti-Phospholipid IgG	50411 Anti-Phospholipid IgM
Deamidated gliadin	+	+						
Tissue transglutaminase	+	+						
PCA (H ⁺ K ⁺ ATPase)			+					
Intrinsic factor			+					
GM1				+	+	+		
GM2				+	+	+		
GM3				+	+	+		
GM4				+	+	+		
GD1a				+	+	+		
GD1b				+	+	+		
GD2				+	+	+		
GD3				+	+	+		
GT1a				+	+	+		
GT1b				+	+	+		
GQ1b				+	+	+		
Sulfatides				+	+	+		
Cardiolipin							+	+
Phosphatidic acid							+	+
Phosphatidyl-ethanolamine							+	+
Phosphatidyl-glycerol							+	+
Phosphatidyl-inositol							+	+
Phosphatidyl-serine							+	+
Annexin V							+	+
β2GPI							+	+
Prothrombin							+	+

	Systemic Inflammatory Rheumatic Diseases										
	ANA/ENA Panels						Myositis	Scleroderma	Vasculitis	Autoimmune Hepatitis	
Autoantibody specificity	5016 ANA	5017 PmScl	5020 Quantrix ANA	5035 ANA PCNA	5045 PmScl 12	5066 ANA cyto10	5093 Myositis 12	5069 Scleroderma 10	5018 ANCA	5021 HepAK 7 plus	5070 HepAK10
Nucleosome			+								
dsDNA			+								
Histones			+								
Sm/RNP	+		+	+							
RNP 68kD/A/C			+	+				+			
Sm	+		+	+							
SS-A Ro60	+		+	+							
SS-A Ro52			+		+		+				
SS-B	+		+	+							
Scl-70	+	+	+	+	+			+			
PMScl 75/100	- / +	- / +	- / +	- / +	- / +			+ / +			
CENP A/B	+		+	+				+ / +			
Ribosomes PO			+	+		+					
Ku		+	+	+	+			+			
Mi-2		+	+		+		+				
Jo-1	+	+	+	+	+	+	+				
PL7		+	+		+	+	+				
PL 12		+	+		+	+	+				
EJ					+	+	+				
OJ						+					
KS						+					
ZO						+					
HA						+					
SRP		+	+		+	+	+				
PCNA			+	+							
sp100			+							+	+
gp210			+							+	+
M2/nPDC			+							+	+
M2 recombinant			+								
M2/OGDC-E2											+
M2/BCOADC-E2											+
M2/PDC-E2											+
f-Actin			+							+	+
SLA										+	+
LKM1										+	+
LC1										+	+
PR3									+		
MPO									+		
GBM									+		
MDA-5					+		+				
TIF-γ					+		+				
SAE1/SAE2							+ / +				
NXP2							+				
RNA Polymerase III								+			
Fibrillarin								+			
Th/To								+			



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