



We Apply Science



For The Automation of Immunodot Assays

### BlueDiver Instrument

A smart space saving instrument  
for the full automation of  
immunodot assays.

### Blue Diver Quantrix

Immunodot strips in a microarray  
format with highest multiplexing  
capabilities in the market (up to  
25 biomarkers detected on one  
strips).

### Dr. DOT Interpretation System

A simple scanning device  
combined with an intuitive,  
user friendly Immunodot  
Interpretation software.



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**BlueDiver**  
Instrument

The **BlueDiver Instrument** is the first fully integrated platform for the automation of immunodot assays.

## Unique Features and Benefits

- **Space saving**  
As compact as a microwave oven
- **No risk of contamination**  
No pumps, no tubes, no liquid handling, no dead volume, works with ready-to-use and disposable reagents cartridges
- **High flexibility**  
From 1 to 24 different strips can be run simultaneously.  
Compatible with the whole range of D-tek's Immunodot products
- **Easy to use with minimal hands-on time**  
Simply load the Immunodot strips, the ready-to-use reagent cartridges, the patient samples and follow the test processing through a user friendly touch screen
- **High reliability and traceability**  
Compatibility between strips and reagent cartridges is automatically checked thanks to an integrated bare code reader
- **Unequalled short testing time**  
Thanks to an innovative patented processing principle

The BlueDiver Quantrix kits contain 24 Immunodot strips coated with 25 antigens in a microarray format and the related ready-to-use reagent cartridges, to be used on the BlueDiver Instrument.

## Unique Features and Benefits

→ **Highest multiplexing capability**

Microarray format allows the simultaneous screening of up to 25 different autoantibodies (i.e., the ANA-25 Quantrix Strips)

→ **Unequalled testing time**

Only one hour from start to results

→ **Automatic internal test validation**

TriPLICATE dots allow the automatic measurements of the intra-assay variations and multiple built-in controls allows the automatic validation of the test (sample loading, conjugate type and substrate kinetics)

→ **Full quantitative results**

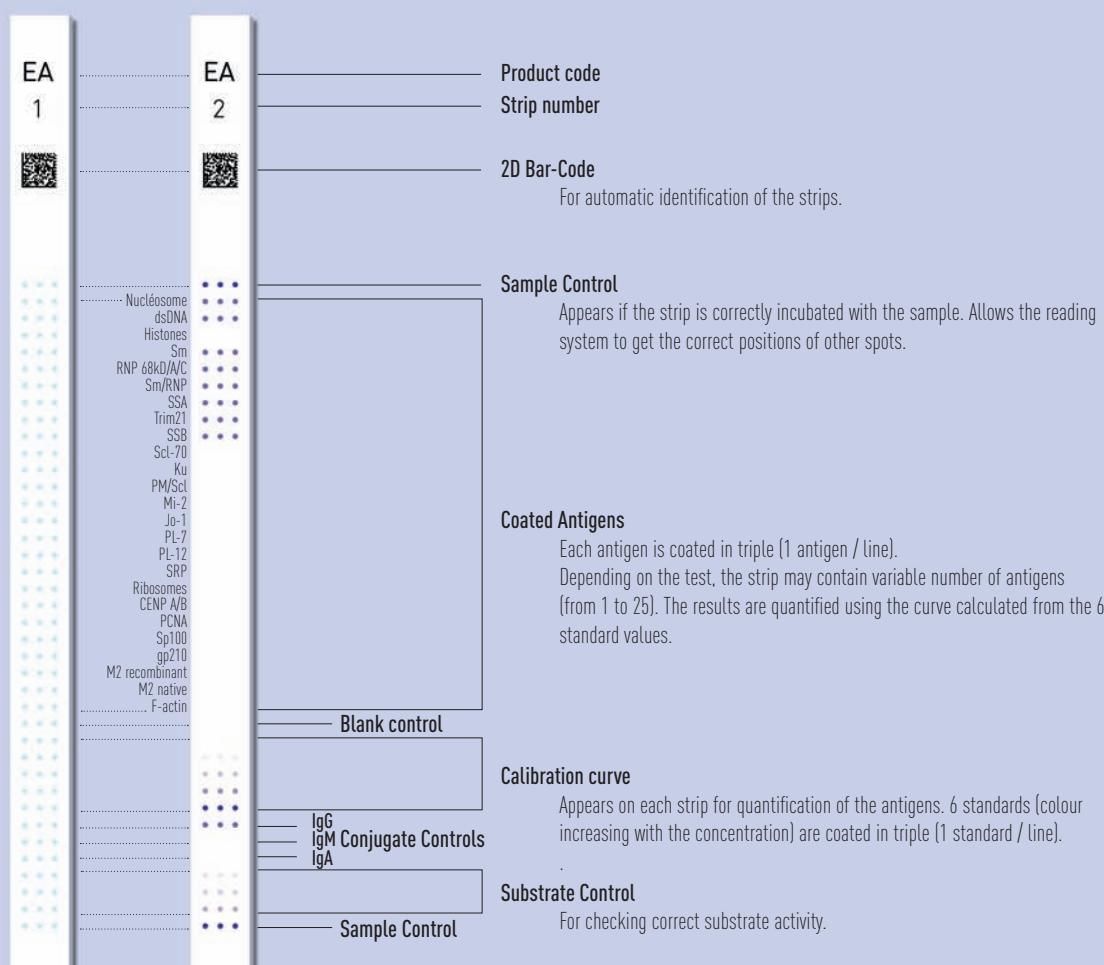
Calculated through a built-in 6 points calibrating curve, including blank measurement

→ **Low Sample consuming**

Only 10 µl of crude sample are needed, without any required predilution

→ **Easy data access**

Easy measurement, edition and tracking of the patients data through the Dr DOT Interpretation System



### Antigen

		BlueDiver Dot & BlueDiver Quantrix Kits																				
		BSDIV-24	APSDIV-24	APSDIV-24	ANAT20IV-24	ANAT25IV-24																
		BSIV-24	APSDIV-24	APSDIV-24	ANAT20IV-24	ANAT25IV-24																
β-Lactoglobulin	β2-GP1																					
Cardiolipin/β2-GP1	CENP-A/B																					
dsDNA	EJ																					
F-actin	GBM																					
gp210	Histones																					
IgF	Jo-1																					
	Ku																					
	LC1																					
	LKM1																					
	M2/BCOADC-E2																					
	M2/MnPDIC																					
	M2/OGIC-E2																					
	M2/PtPCE-E2																					
	Manan																					
	MDA-5																					
	Mi-2																					
	MPO																					
	Nucleosome																					
	PCA																					
	PtNA																					
	PL-12																					
	PL-7																					
	PM/Scl																					
	PR3																					
	Ribosome P																					
	RNP (68K / A-C)																					
	Scl-70																					
	SLA																					
	Sm																					
	Sm/RNP																					
	Soya																					
	Sp100																					
	SRP																					
	SSA (Ro)																					
	SSB (La)																					
	TIF-1Y																					
	Ro 52 KD																					