





## RapidScan ST5-W Lateral Flow Assay Reader

Validated for multiple food, feed and environmental lateral flow tests

 Food or feed manufacturers, grain trading companies and laboratories that use lateral flow devices as a rapid test method need to obtain quick and reliable results for contamination testing.

RapidScan ST5-W Lateral Flow Assay Reader is an accurate, easy to use and highly flexible imaging platform used for lateral flow assay analysis.

The instrument was designed specifically for field and in-process testing applications that require qualitative and quantitative test results.

 RapidScan ST5-W is unique in the market due to its flexibility, multiple target analysis and its **compatibility with Gold Standard Diagnostics' allergen, mycotoxins, GMO, glyphosate, algal toxins and veterinary lateral flow tests**, providing an integrated solution to customers.

### Key Benefits

- User friendly: no training needed
- Semi-quantitative results
- Portable for field testing
- Flexible: multiple target analysis
- High data storage capacity
- Report exporting capability

## RapidScan ST5-W Lateral Flow Assay Reader



- **Ease-of-use:** the reader is easy to set up and operate, featuring an intuitive user interface with a colour touchscreen display.
- **Quantitative results** are obtained within a few minutes. Data can be stored on the reader then exported through a USB port.
- **Applications:** the reader can be used with a wide range of allergen, GMO, glyphosate, algal toxins and veterinary lateral flow tests.

## SENSIStrip Lateral Flow Tests



### LFD kits for NUTS allergens detection

SENSIStrip Almond	HU0030110
SENSIStrip Brazil nut	HU0030127
SENSIStrip Cashew	HU0030113
SENSIStrip Cashew PowerLine	HU0030207
SENSIStrip Coconut	HU0030114
SENSIStrip Hazelnut	HU0030119
SENSIStrip Hazelnut PowerLine <b>NEW!</b>	HU0030206
SENSIStrip Macadamia nut	HU0030122
SENSIStrip Multi Tree Nut	HU0030136
SENSIStrip Peanut	HU0030128
SENSIStrip Peanut PowerLine	HU0030137
SENSIStrip Pecan nut	HU0030129
SENSIStrip Pistachio	HU0030130
SENSIStrip Pistachio PowerLine <b>NEW!</b>	HU0030255
SENSIStrip Walnut	HU0030133

### LFD kits for GLUTEN detection

SENSIStrip Gluten	HU0030118
SENSIStrip Gluten PowerLine	HU0030134

### LFD kits for SEAFOOD allergens detection

SENSIStrip Crustaceans (Tropomyosin)	HU0030115
SENSIStrip Crustaceans PowerLine <b>NEW!</b>	HU0030254
SENSIStrip Fish	HU0030117
SENSIStrip Fish PowerLine	HU0030271

### LFD kits for MILK allergens detection

SENSIStrip Beta-Lactoglobulin	HU0030111
SENSIStrip Casein	HU0030112
SENSIStrip Casein PowerLine	HU0030242
SENSIStrip Milk Protein	HU0030123
SENSIStrip Milk Protein PowerLine	HU0030138

### LFD kits for EGG allergens detection

SENSIStrip Egg White	HU0030116
SENSIStrip Egg Protein PowerLine	HU0030202
SENSIStrip Lysozyme	HU0030121
SENSIStrip Ovalbumin	HU0030126
SENSIStrip Ovalbumin PowerLine <b>NEW!</b>	HU0030259

### LFD kits for OTHER allergens detection

SENSIStrip Lupin	HU0030120
SENSIStrip Lupin PowerLine <b>NEW!</b>	HU0030256
SENSIStrip Mustard	HU0030125
SENSIStrip Mustard PowerLine <b>NEW!</b>	HU0030204
SENSIStrip Sesame	HU0030131
SENSIStrip Sesame PowerLine <b>NEW!</b>	HU0030270
SENSIStrip Total Soy Protein	HU0030132
SENSIStrip Total Soy Protein PowerLine	HU0030135
SENSIStrip Walnut	HU0030133

## Animal Health testing with RapidScan ST5-W



In industrial livestock production, with a high density of livestock, the emergence of infectious diseases is a major risk, and therefore prevention and control measures are essential. With our ASF strip and RapidScan reader, we provide a quick on-site testing option for African Swine Fever with a result generated in less than 15 min from pig and wild boar blood samples.

Article No.	Product Name	Product Description
11.ASF.K.42	INgezim ASFV CROM Ag	Lateral flow assay for the detection of ASFV antigen in porcine blood samples

## Mycotoxins testing with RapidScan ST5-W



Providing unrivalled speed, our two-minute mycotoxin rapid assays coupled with a fast sample preparation cuts the time as part of goods acceptance procedures. No harmful component to be managed or disposed. Robust performance is preserved thanks to temperature control. Further equipment and accessories are available to complete on-site mycotoxin rapid testing including a mini-centrifuge, a mini-incubator and extraction powder.

Article No.	Product Name	Target	No. of Tests	Applications
R.30.AFL.K42/20	SENSIStrip AFLA	Total aflatoxin	20	Corn, Barley, Sorghum, Oat Groats, Wheat, Brown Rice, Soybeans, Cow Feed, Peanut, Corn Gluten Meal
R.30.AFL.K42/100			100	
R.30.DON.K42/20	SENSIStrip DON	Deoxynivalenol	20	Corn, Corn Germ, Corn Gluten Meal, Wheat, Whole Oats, Durum Wheat, Sorghum, Brown Rice, Barley, Rye
R.30.DON.K42/100			100	

## GMO and glyphosate testing with RapidScan ST5-W



GMO rapid testing is especially important for grain traders and elevators, as a primary screening tool for grain lots at reception points. Our most requested kits for rapid testing are available on the RapidScan ST5-W reader. LFS Kit Contents: 100 strips (for 100 tests), 100 Sample Vials, 100 Transfer pipettes, Pack Insert & QR Code.

Article No.	Product Name	Product Description
EAID 101	CP4 EPSPS (RR) Quantitative LFS Kit Soybean & Canola	LFS for CP4EPSPS Testing in Bulk Grain Soybean & Canola using RapidScan (Sensitivity: 0.05% for Soybean & 0.1% for Canola)
EAID 102	CP4 EPSPS (RR) Quantitative LFS Kit I Corn	LFS for CP4EPSPS Testing in Bulk Grain Corn using RapidScan (Sensitivity: 0.1% for Corn)
EAID 103	Vip3A Quantitative LFS Kit I Corn	LFS for Vip3A Testing in Bulk Grain Corn using RapidScan (Sensitivity: 0.2% for Corn)
EAID 104	Cry3Bb Quantitative LFS Kit I Corn	LFS for Cry3Bb Testing in Bulk Grain Corn using RapidScan (Sensitivity: 0.5% for Corn)

As well as GMO testing, food companies and grain processors can run pesticide (glyphosate) strip tests with RapidScan, to prevent contaminated raw materials from being used in finished food products.

Article No.	Product Name	Product Description
500095	Glyphosate, Dipstick, 20 tests	0.5 - 20 ppb (water). Test range for grain samples: 10-400 ppb

## Algal toxins testing with RapidScan ST5-W



For public water systems, lake managers, government agencies, regional testing programmes, communities and individual researchers who require near real-time answers on water safety to protect public health against the threat of algal toxins, our fresh and marine water toxin dipstick tests, provide the best solution.

Article No.	Product Name	Product Description
520017/520046	Microcystins, Dipstick, Finished Drinking Water, 20 tests	0 - 5 ppb/0.3 - 5 ppb
520020	Microcystins, Dipstick, Source Drinking Water with QuikLyse® Feature, 20 tests	0 - 5 ppb
520022	Microcystins, Dipstick, Recreational Fresh Water with QuikLyse® Feature, (EPA ETV), 20 tests	0 - 10 ppb
520030	Cylindrospermopsin, Dipstick, with QuikLyse® Feature, 20 tests	0 - 10 ppb
520043	Anatoxin-a (VDFD), Dipstick, 20 tests	0 - 2.5 ppb
520045	Saxitoxin (PSP), Dipstick, 20 tests	0.2 - 3 ppb

All Glyphosate and Algal Toxins tests are available in a 5-strip format except for item 520046.

# RapidScan ST5-W Lateral Flow Assay Reader

## Instrument Specifications

Specifications	
Product Name	RapidScan ST5-W Lateral Flow Assay Reader
Article No.	LFRSCAN002
Supplied Materials	RapidScan ST5-W Reader Power Cable and International Adapters QR Code Adapter Check Chart User Guide
Item Dimensions	11 x 14 x 21 cm
Item Weight	930 g
Display	5" LCD touch screen
Platform	Lateral Flow
Power	DC 12V 1.5A
Interface	USB 2.0 port
Application Adapters	See table below. Reader price includes one application adapter of choice.



## Application Adapters

Article No.	Product Name
LFA0020001	RapidScan ST5-W LFD Reader Adapter for pesticide (glyphosate) and algal toxin strips
LFA0040002	RapidScan ST5-W LFD Reader Adapter for mycotoxin strips
LFA0030001	RapidScan ST5-W LFD Reader Adapter for allergen strips
LFA0060001	RapidScan ST5-W LFD Reader Adapter for GMO strips
LFA0070001	RapidScan ST5-W LFD Reader Adapter for Animal Health strips