



RapidScan ST5-W Lateral Flow Assay Reader

Validated for multiple food 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, GMO, glyphosate, algal toxins and veterinary lateral flow tests**, providing an integrated solution to customers.

Key Benefits

- User friendly: no training needed, easy to use
- Semi-quantitative results
- Portable for field testing
- Flexible: multiple target analysis
- Data storage capacity of up to 5000 test results
- 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.

Allergen testing with RapidScan ST5-W



RapidScan is unique to the market for multiple allergen testing, and compatible with Gold Standard Diagnostics' growing range of allergen lateral flow devices. These rapid tests, with high sensitivity and specificity, include all the necessary material to perform 20 individual analyses per kit, and are validated on food matrices, swabbing and rinse water.

Article No.	Product Name
HU0030110	SENSIS <i>Strip</i> Almond
HU0030111	SENSIS <i>Strip</i> Beta-Lactoglobulin
HU0030112	SENSIS <i>Strip</i> Casein
HU0030113	SENSIS <i>Strip</i> Cashew
HU0030114	SENSIS <i>Strip</i> Coconut
HU0030115	SENSIS <i>Strip</i> Crustaceans (Tropomyosin)
HU0030116	SENSIS <i>Strip</i> Egg White
HU0030117	SENSIS <i>Strip</i> Fish
HU0030118	SENSIS <i>Strip</i> Gluten
HU0030119	SENSIS <i>Strip</i> Hazelnut
HU0030120	SENSIS <i>Strip</i> Lupin
HU0030121	SENSIS <i>Strip</i> Lysozyme

Article No.	Product Name
HU0030122	SENSIS <i>Strip</i> Macadamia nut
HU0030123	SENSIS <i>Strip</i> Milk Protein
HU0030124	SENSIS <i>Strip</i> Molluscs (Tropomyosin)
HU0030125	SENSIS <i>Strip</i> Mustard
HU0030126	SENSIS <i>Strip</i> Ovalbumin
HU0030127	SENSIS <i>Strip</i> Brazil nut
HU0030128	SENSIS <i>Strip</i> Peanut
HU0030129	SENSIS <i>Strip</i> Pecan nut
HU0030130	SENSIS <i>Strip</i> Pistachio
HU0030131	SENSIS <i>Strip</i> Sesame
HU0030132	SENSIS <i>Strip</i> Total Soy
HU0030133	SENSIS <i>Strip</i> Walnut

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

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.

Food manufacturers can perform GMO screening of raw ingredients like corn, soybean and canola before they are processed into a final product. Seed testing laboratories that provide testing services for bulk grain analysis can also quickly and easily identify the amount of GMO contamination.

Our most requested kits for GMO rapid testing are available on the RapidScan ST5-W reader:

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)

LFS Kit Contents: 100 strips (for 100 tests), 100 Sample Vials, 100 Transfer pipettes, Pack Insert & Printed QR Code.

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, usable with RapidScan, 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 (VFDF), Dipstick, 20 tests	0 - 2.5 ppb

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



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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
LFA0030001	RapidScan ST5-W LFD Reader Adapter for allergen strips
LFA0060001	RapidScan ST5-W LFD Reader Adapter for GMO strips