



## Rapid Detection of Glyphosate for Field-Based Decisions

For customers requiring near real time glyphosate test results to aid in time-critical, field-based decision-making, we offer the only commercially available lateral flow glyphosate test strips. Our lateral flow glyphosate test strips are simple to use and provide semi-quantitative test results.

They are based on the same proven lateral flow immunoassay technology that has been used reliably for decades in a variety of industrial applications.

### Key Benefits of Glyphosate Test Strips

- Rapid screening and for on-site decision-making
- Semi-quantitative/qualitative results
- Answers in 1 hour
- No lab experience required
- No additional equipment required
- Kits conveniently stored at room temperature



**Sample  
Collection**



**Sample  
Prep**



**Analysis**



**Results  
Interpretation**



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Gold Standard Diagnostics glyphosate test strips were originally designed for testing water but simple extraction methods have subsequently been developed to support glyphosate testing across a variety of sample matrices. Please see below for details regarding available extraction methods for common sample matrices and their associated test ranges. Technical bulletins with procedural details and information on extraction of glyphosate from these and other sample matrices are available by contacting Gold Standard Diagnostics.

Sample matrix*	Test range (ppb, ng/mL)
Barley	10 - 400
Cereal	10 - 400
Grains	10 - 400
Granulated Sugar	18 - 400
Green Coffee Beans	30 - 800
Honey	50 - 2000
Lentils	20 - 400
Lentils (Red)	10 - 400
Oats	10 - 400
Pasta (Dried)	10 - 400
Soybeans	10 - 400
Water	0.5 - 20
Wheat	10 - 400
White Beans	10 - 400



### Ordering

Our glyphosate test strip kits include materials and reagents for sample derivatization and analysis. Materials required for extraction are not included as they vary by the sample matrix. Sample extraction materials may be ordered separately.

- Glyphosate test strip kit, 5-test (Part #500098)
- Glyphosate test strip kit, 20-test (Part #500095)

### AbraScan<sup>®</sup> Hand-held Test Strip Reader

Gold Standard Diagnostics offer the AbraScan dipstick/test strip reader as an optional accessory for use with many of our test strip kits to provide more objective interpretation of test strip results than visually comparing test and control line intensities. The AbraScan reader also maintains a digital photographic image of test strips for traceability and future review of results.



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