

## Rapid Quantitative Glyphosate Analysis

For customers requiring faster turnaround times (TAT) and quantitative glyphosate test results that support rapid and informed decision-making, Gold Standard Diagnostics Horsham offers the only commercially available glyphosate ELISA test kits. Our glyphosate 96-well plate kit is based on proven, enzyme-linked immunosorbent assay (ELISA) technology that has been used reliably for decades in a variety of industrial applications requiring rapid, reproducible results that support on-site decision-making.

### Key Features of Glyphosate ELISA Analysis

- Rapid, laboratory-based analysis
- Quantitative results
- Answers in 3-4 hours
- Fully automated analyzers available
- Improves turnaround by eliminating delays associated with sample shipment for offsite analysis



**Sample  
Collection**



**Sample  
Prep**



**Analysis**



**Results  
Interpretation**

## Rapid Quantitative Glyphosate Analysis

### Rapid Quantitative Analysis of Glyphosate

We have developed simple extraction methods to support glyphosate analysis across a variety of sample matrices. Contact Gold Standard Diagnostics Horsham for copies of technical bulletins containing procedural details or for information on additional sample matrices.



### Ordering

Our glyphosate ELISA plate 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 ELISA and Derivatization kit, 96-Test (Part #500205)**

**We also offer ELISA plate readers and fully automated test systems. Contact us or visit our website to learn more.**

### Test Ranges for Various Sample Matrices

| Sample matrix*            | Test range (ppb) |
|---------------------------|------------------|
| Avocados                  | 7.5 - 400        |
| Barley                    | 7.5 - 400        |
| Beer                      | 0.375 - 20       |
| Bread                     | 7.5 - 400        |
| Cereal                    | 7.5 - 400        |
| Chips                     | 7.5 - 400        |
| Cooking Oil (Plant Based) | 0.225 - 120      |
| Corn                      | 75 - 4000        |
| Corn Syrup                | 15 - 800         |
| Gelatin                   | 4.5 - 240        |
| Grains                    | 75 - 4000        |
| Grape Juice               | 0.375 - 20       |
| Grapes                    | 0.375 - 20       |
| Green Coffee Beans        | 10 - 533.2       |
| Honey (Protocol 1)        | 10 - 533.2       |
| Honey (Protocol 2)        | 15 - 800         |
| Legumes                   | 75 - 4000        |
| Lentils                   | 75 - 4000        |
| Lentils (Red)             | 7.5 - 400        |
| Malt Barley               | 75 - 4000        |
| Milk                      | 75 - 4000        |
| Oats                      | 7.5 - 400        |
| Pasta (Dried)             | 7.5 - 400        |
| Potatoes                  | 13.5 - 720       |
| Pureed Baby Food          | 7.5 - 400        |
| Rose Stems                | 750 - 40000      |
| Seeds                     | 75 - 4000        |
| Serum                     | 0.25 - 4         |
| Sesame Seeds              | 75 - 4000        |
| Soy Sauce                 | 75 - 4000        |
| Soybeans                  | 75 - 4000        |
| Tea Leaves                | 7.5 - 400        |
| Tofu                      | 75 - 4000        |
| Water                     | 0.075 - 4        |
| Wheat                     | 7.5 - 400        |
| White Beans               | 75 - 4000        |
| White Granulated Sugar    | 0.75 - 40        |
| Wine                      | 0.375 - 20       |
| Yellow Peas               | 7.5 - 400        |