



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

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