

# Glyphosate

## Glyphosate Test Kit (ELISA)

### Screen Crops, Food, Soil Samples for Residues of Glyphosate easily

It is increasingly addressed, that residues of glyphosate are found in various crops, food, beverages, honey and even in infant food. This clarifies, that the marketability / harmlessness of crops or food may be affected.

The Abraxis Glyphosate ELISA has been employed successfully for testing of a broad range of agricultural, food or beverage samples, such as for example several thousands of honey or grain samples. In beer for instance, residues in the range of several  $\mu\text{g/L}$  were found in some samples, whereas other sample no residues were found.

The FDA has found, that even infant food partially contains clearly detectable amounts of glyphosate. For instance, glyphosate was found in some oat products in a broad range of concentrations reaching from "non detectable" up to the ppm level.

The possible health risks of glyphosate are a matter of controversial discussions, whereas multiple physiological effects to the human health are debated.

Another subject is the application of glyphosate in connection with the decline of bees. Regarding this, the biologist Erick Motta (University of Texas) published causal relations between glyphosate and certain bacteria in the gut of the insects, which play a role in exploiting the nutrition of the bees and in repelling pathogens.

### How the use of the Abraxis Glyphosate ELISA Testkit can support your work?

The Abraxis Glyphosate ELISA has been proved over years now in many different applications. Various agricultural crops, food products, beverages, honey samples but also water samples, soil samples and clinical samples have been determined.



Especially in the field of organic food products it is of special importance, to monitor pesticides such as glyphosate continuously. Exactly for this purpose, the Abraxis Glyphosate ELISA has been established.

### The Test-Kit combines several advantages:

- ▶ Minimum of sample preparation
- ▶ Results within less than 3 hours (many samples in parallel)
- ▶ Highly sensitive and reproducible results

The companies Abraxis, Inc. and Sension GmbH collaborate as partners since many years. Sension is the distribution partner of Abraxis in Middle Europe. We also can give you advise in various technical questions regarding test applications.

Please inquire also, if you don't have a laboratory available and wish to use sample determinations as a service. In addition, many other pesticide assays and further parameters, such as GMOs or further tests for residue analysis are available.

We look forward working together with you.  
Please contact us  
(Your contact person is Dr. Peter Schneider)

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