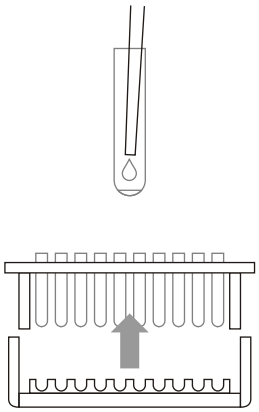
ABRAXIS® GLYPHOSATE Magnetic Particle
500081

1.



Remove upper rack from magnetic base. Label test tubes for Standards, Control, and Samples.

Tube #	Content
1, 2	Diluent/Zero Standard 0 ppt
3, 4	Standard 1, 75 ppt
5, 6	Standard 2, 200 ppt
7, 8	Standard 3, 750 ppt
9,10l	Standard 4, 4000 ppt
11,12	Control
13,14	Sample1
15,16	Sample 2

Add 300 ìL of either **Derivatized** Standards, Control or Samples to the bottom of each test tube by inserting the pipette tip all the way into the bottom of the tube without touching the sides of the tube.

2.

Add 500 ìL of thoroughly mixed Glyphosate Antibody Coupled Magnetic Particles down the inside wall of each tube by using the technique described in Box 2. *Vortex* for 1 to 2 seconds (at low speed to minimize foaming).

3.

React 30 minutes at room temperature (15 °- 30°C).

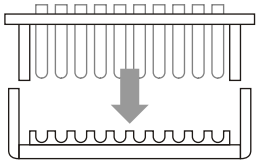
4.

Add 250 ìL of Glyphosate Enzyme Conjugate down the inside wall of each tube by aiming the pipet tip 1/4" to ½" below the tube rim without touching the rim or tube wall with the pipet tip; deliver liquid gently.

5.

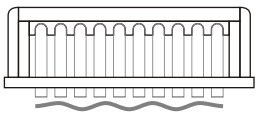
React 30 minutes at room temperature (15 °- 30°C).

6.



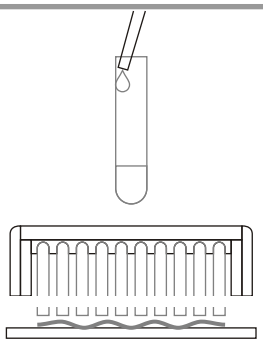
Combine the upper rack with the magnetic base; press all tubes into base; allow 2 minutes for the particles to separate.

7.



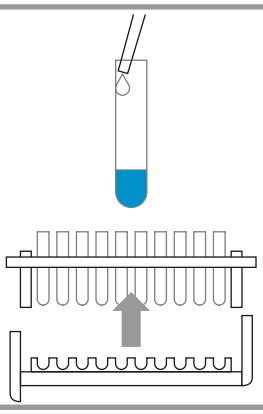
Do not separate upper rack from lower base. Using a smooth motion, *invert* the combined rack assembly over a sink and pour out the tube contents; keep inverted and **gently blot** the test tube rims on several layers of paper toweling.

8.



Add 1 mL of Washing Solution down the inside wall of each tube by using the technique described in Box 2. *Wait 2 minutes.* Using a smooth motion, invert the combined rack assembly over a sink and pour out the tube contents: keep inverted and **gently blot** the test tube rims on several layers of paper toweling. Repeat this step **two** times.

9.

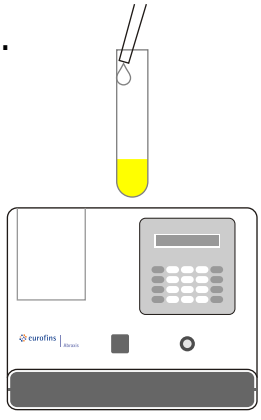


Lift the upper rack (with its tubes) off the magnetic base; *add* 500 ìL of Color Reagent down the inside wall of each tube by using the technique described in Box 2. *Vortex* for 1 to 2 seconds (at low speed to minimize foaming).

10.

React for 20 minutes at room temperature (15°- 30° C). During this period, add 1 mL of Washing Solution into a clean tube for use as an instrument blank in Step 10.

11.



Add 500 ìL of Stopping Solution down the inside wall of each tube by using the technique previously described. *Read* results at 450 nm within 15 minutes after adding the Stopping Solution. *Multiply* results of samples by the appropriate dilution factor (if any).

[**Safety Caution:** Stopping Solution contains diluted sulfuric acid.]

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