

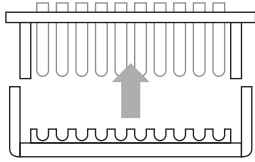
# ATRAZINE DETAILED FLOWCHART

1.



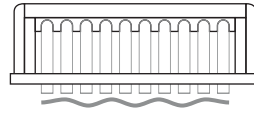
Remove upper rack from magnetic base. Label test tubes for Standards, Control, and Samples.

Tube #	Content
1,2	Diluent/Zero, 0 ppb
3,4	Standard 1, 0.1 ppb
5,6	Standard 2, 1.0 ppb
7,8	Standard 3, 5.0 ppb
9	Control
10	Sample 1
11	Sample 2
12	Sample 3



Add 200 or 250  $\mu$ L of either 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.

6.

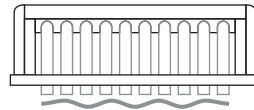


**Do not** separate upper rack from lower base. Using a smooth motion, *invert* the combined rack assembly over a sink and pour out the tube contents; keep inverted and **gently blot** the test tube rims on several layers of paper toweling.

7.



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.



2.

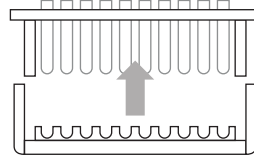


Add 250  $\mu$ L of Atrazine Enzyme Conjugate down the inside wall of each tube by using the technique described in Box 2. *Vortex* for 1 to 2 seconds (at low speed to minimize foaming).

8.



Lift the upper rack (with its tubes) off the magnetic base; add 500  $\mu$ L 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).



3.



Add 500  $\mu$ L of thoroughly mixed Atrazine 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).

9.



*Incubate* 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.

4.

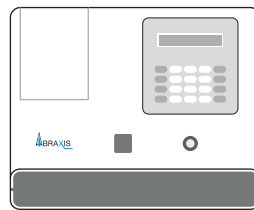


Incubate 15 minutes at room temperature ( 15°- 30°C).

10.



Add 500  $\mu$ L 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).




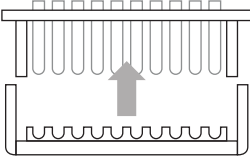
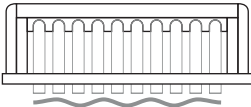


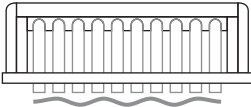


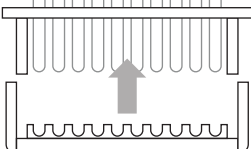


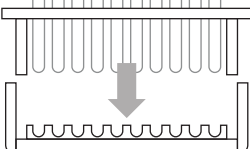

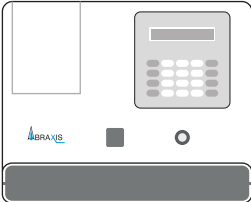
**[Safety Caution:** Stopping Solution contains diluted sulfuric acid.]

For Ordering or Technical Assistance Contact:

ABRAXIS, LLC 54 Steamwhistle Drive, Warminster, PA 18974  
215-357-3911 Fax: 215-357-5232

Atrazine Magnetic Particle Kit Part # 500001, 100 Test

# ATRAZINE CONCISE FLOWCHART

<p><b>1.</b></p>  <p>Separate the rack.</p>  <p>Add 200 or 250 <math>\mu</math>L of either Standards, Control or Samples to the bottom of each test tube.</p> <p><b>NOTE:</b> Same chosen volume should be added for standards and samples.</p>	<p><b>6.</b></p>  <p>Invert the combined rack. Blot <b>gently</b>.</p>
<p><b>2.</b></p>  <p>Add 250 <math>\mu</math>L of mixed Atrazine Enzyme Conjugate to each test tube.</p> <p>Vortex.</p>	<p><b>7.</b></p>  <p>Add 1 mL of Washing Solution.</p> <p>Wait 2 minutes.</p> <p>Invert the combined rack.</p>  <p>Blot <b>gently</b>. Repeat this step.</p>
<p><b>3.</b></p>  <p>Add 500 <math>\mu</math>L of mixed Magnetic Particles to each test tube.</p> <p>Vortex.</p>	<p><b>8.</b></p>  <p>Separate the rack.</p>  <p>Add 500 <math>\mu</math>L of Color Reagent to each test tube.</p> <p>Vortex.</p>
<p><b>4.</b></p>  <p>Incubate for 15 minutes.</p>	<p><b>9.</b></p>  <p>Incubate for 20 minutes. Prepare blank.</p>
<p><b>5.</b></p>  <p>Combine the rack and magnetic base.</p> <p>Seat all tubes.</p> <p>Wait 2 minutes.</p>	<p><b>10.</b></p>   <p>Add 500 <math>\mu</math>L of Stopping Solution to each test tube.</p> <p>Read OD 450</p>

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