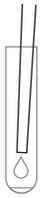


# PYRETHROIDS DETAILED FLOWCHART

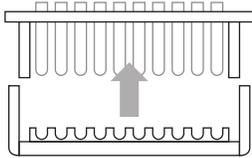
1.



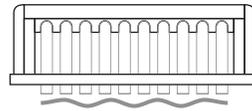
Remove upper rack from magnetic base. Label test tubes for Standards, Control, and Samples.

Tube #	Content
1, 2	Diluent/Zero Standard 0 ppb
3, 4	Standard 1, 0.75 ppb
5, 6	Standard 2, 2.5 ppb
7, 8	Standard 3, 5.0 ppb
9, 10	Standard 4, 15.0 ppb
11	Control
12	Sample 1
13	Sample 2
14	Sample 3

Add 250  $\mu$ L of either Standards, Control or Samples to each test tube by inserting the pipette tip all the way into the bottom of the tube without touching the sides of the tube.



7.

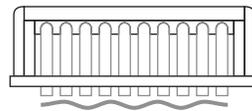


**Do not** separate upper rack from lower base. Using a smooth motion, *invert* the combined rack assembly over a sink and pour out the tube contents; keep inverted and **gently blot** the test tube rims on several layers of paper toweling.

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.



2.

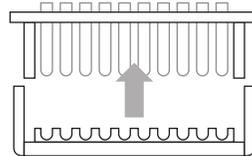


Mix and Add 500  $\mu$ L of the Pyrethroid Antibody Coupled Paramagnetic Particles down the inside wall of each tube by aiming the pipet tip 1/4" to 1/2" below the tube rim without touching the rim or tube wall with the pipet tip; deliver liquid gently. *Vortex* for 1 to 2 seconds (at low speed to minimize foaming).

9.



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.



React 20 minutes at room temperature ( 15 °- 30°C).

4.



Add 250  $\mu$ L of Pyrethroid 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).

10.



React for 30 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.

5.

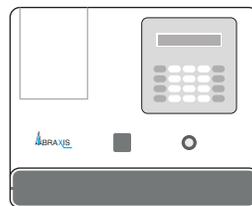


React 30 minutes at room temperature ( 15 °- 30°C).

11.



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).



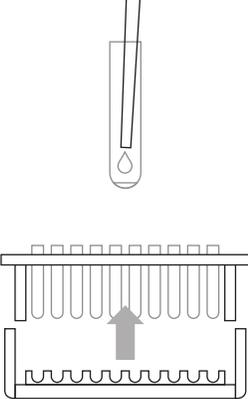
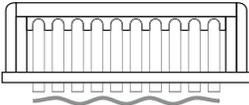
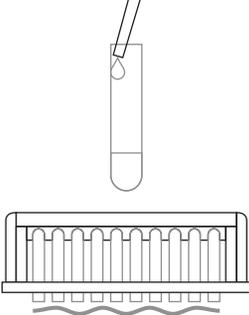
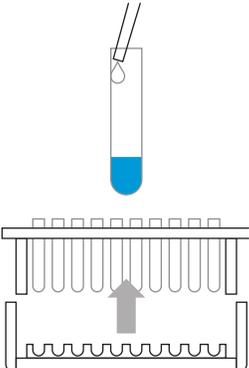
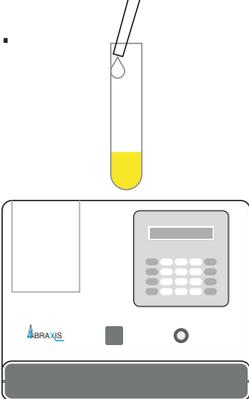
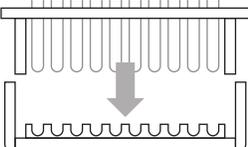
[Safety Caution: Stopping Solution contains diluted sulfuric acid.]

For Ordering or Technical Assistance Contact:  
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 Phone: 215-357-3911 Fax: 215-357-5232  
 Web: www.abraxiskits.com

Pyrethroids Magnetic Particle Kit Part # 500201, 100 Test



# PYRETHROID CONCISE FLOWCHART

<p>1.</p>  <p>Separate the rack.</p> <p>Add 250 <math>\mu</math>L of standards, samples, and control.</p>	<p>7.</p>  <p>Invert the combined rack.</p> <p>Blot <b>gently</b>.</p>
<p>2.</p>  <p>Add 500 <math>\mu</math>L of the Pyrethroid Antibody Coupled Paramagnetic Particles.</p>	<p>8.</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>.</p> <p>Repeat this step.</p>
<p>3.</p>  <p>Incubate for 20 minutes.</p>	<p>9.</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>4.</p>  <p>Add 250 <math>\mu</math>L of mixed Pyrethroid Enzyme Conjugate to each test tube.</p>	<p>10.</p>  <p>Incubate for 30 minutes.</p> <p>Prepare blank.</p>
<p>5.</p>  <p>Incubate for 30 minutes.</p>	<p>11.</p>  <p>Add 500 <math>\mu</math>L of Stopping Solution to each test tube.</p> <p>Read OD 450</p>
<p>6.</p>  <p>Combine the rack and magnetic base.</p> <p>Seat all tubes.</p> <p>Wait 2 minutes.</p>	

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