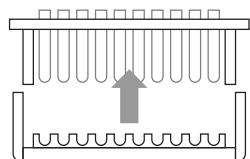


# PYRETHROIDS WIPE Magnetic Particle 500201WP

1.



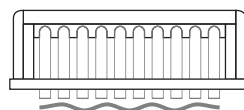
Remove upper rack from magnetic base. Label test tubes for Standards and Samples.

Tube #	Content
1, 2	Diluent/Zero
	Standard 0 ppb
3, 4	Standard 1, 5.0 ppb
5, 6	Standard 2, 15.0 ppb
7, 8	Standard 3, 50.0 ppb
9, 10	Standard 4, 100.0 ppb
11, 12	Sample 1
13, 14	Sample 2
15, 16	Sample 3

Add 50  $\mu$ L of either Standards 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.

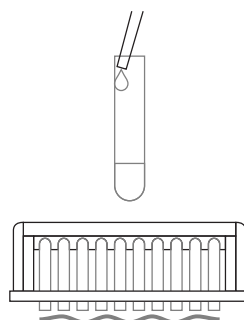


6.



**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.



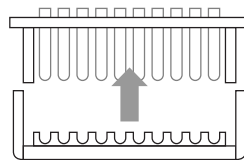
Add 1 mL of Washing Solution down the inside wall of each tube by using the technique described in Box 2. *Wait 2 minutes.* Using a smooth motion, invert the combined rack assembly over a sink and pour out the tube contents; keep inverted and **gently blot** the test tube rims on several layers of paper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

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.

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 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).

9.



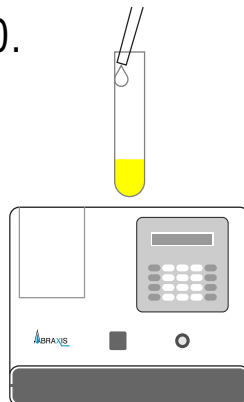
React for 30 minutes at room temperature (15°- 30° C). During this period, add 1 mL of Washing Solution into a clean tube for use as an instrument blank in Step 10.

4.



React 30 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.]

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