

1

Remove upper rack from magnetic base.

Label test tubes for Standards, Control, and Samples.

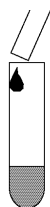
Tube # Content

1, 2	Diluent/Zero Standard 0 ppb
3, 4	Standard 1 35 ppt
5, 6	Standard 2 250 ppt
7, 8	Standard 3 1000 ppt
9	Control
10	Sample 1
11	Sample 2



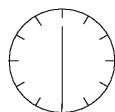
Add 250 µL of either Standards, Control or Samples to the bottom of each test tube by inserting the pipet tip all the way into the tube without touching the sides or the bottom of the tube.

3



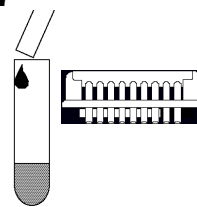
Add 500 µL of thoroughly mixed HS Atrazine Antibody Coupled Magnetic Particles down the inside wall of each tube by using the technique described in Box 2. Vortex for 1 to 2 seconds (at low speed to minimize foaming).

4



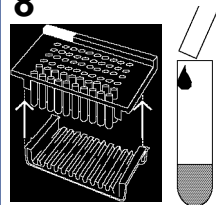
React 30 minutes at room temperature (15°-30° C).

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.

8



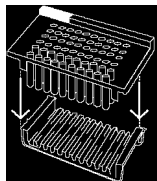
Lift the upper rack (with its tubes) off the magnetic base; add 500 µL of Color Reagent down the inside wall of each tube by using the technique described in Box 2. Vortex for 1 to 2 seconds (at low speed to minimize foaming).

2



Add 250 µL of HS Atrazine Enzyme Conjugate 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.

5



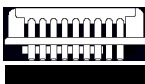
Combine the upper rack with the magnetic base; press all tubes into base; allow 2 minutes for the particles to separate.

9



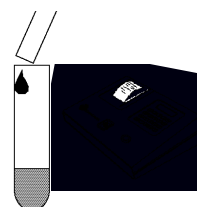
React for 20 minutes at room temperature (15°-30° C). During this period, add 1 mL of Washing Solution into a clean tube for use as an instrument blank in Step 10.

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.

10



Add 500 µL 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 extracted soil samples by the appropriate factor. [Safety Caution: Stopping Solution contains 0.5% sulfuric acid.]

For Ordering or Technical Assistance Contact:

Strategic Diagnostics Inc.

800 544-8881 302 456 6789

302 456 6782 Fax www.sdix.com

HS Atrazine Rapid Assay Kits

100 Tests # A00151

Sample Diluent # A00051

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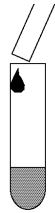
1

Separate the rack.



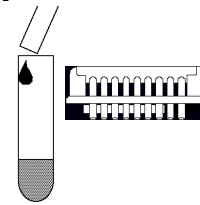
Add 250 µL of **Standards, Control** or **Samples** to the bottom of each tube.

3



Add 500 µL of mixed **Magnetic Particles** to each tube. **Vortex.**

7



Add 1 mL of **Washing Solution.**

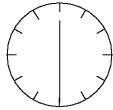
Wait 2 minutes.

Invert the combined rack.

**Blot.**

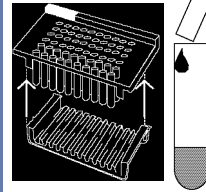
Repeat this step.

4



React for **30 minutes.**

8

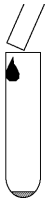


Separate the rack.

Add 500 µL of **Color Reagent** to each tube.

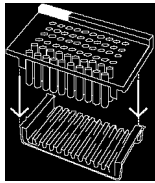
**Vortex.**

2



Add 250 µL of **Enzyme Conjugate** to each tube.

5

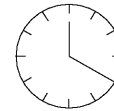


Combine the rack and magnetic base.

Seat all tubes.

Wait two minutes.

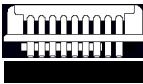
9



React for **20 minutes.**

Prepare blank.

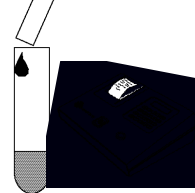
6



Invert the combined rack.

**Blot.**

10



Add 500 µL of **Stopping Solution** to each tube.

**Read OD 450.**

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302 456-6782 Fax [www.sdix.com](http://www.sdix.com)

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