

PENOXSUMAM DETAILED FLOWCHART

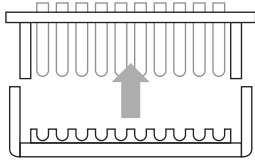
1.



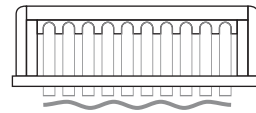
Remove upper rack from magnetic base. Label test tubes for Standards, Control, and Samples.

Tube #	Content
1, 2	Diluent/Zero Standard 0 ppb
3, 4	Standard 1, 0.25 ppb
5, 6	Standard 2, 1.0 ppb
7, 8	Standard 3, 10.0 ppb
9,10	Control
11,12	Sample 1
13,14	Sample 2
15,16	Sample 3

Add 250 μ L of 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.

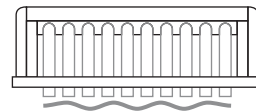


Do not separate upper rack from lower base. Using a smooth motion, *invert* the combined rack assembly over a sink and pour out the tube contents; keep inverted and **gently blot** the test tube rims on several layers of paper toweling.

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.

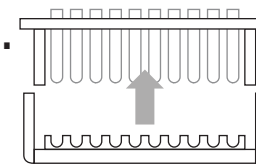


2.



Add 250 μ L of Penoxsulam 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. *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 μ L of Color Solution down the inside wall of each tube using the technique described in Box 2. *Vortex* for 1 to 2 seconds (at low speed to minimize foaming).



3.



Add 500 μ L of the thoroughly mixed Penoxsulam 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.



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.

4.

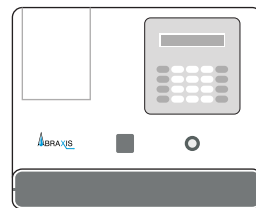


React 45 minutes at room temperature (15° - 30°C).

10.



Add 500 μ 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).


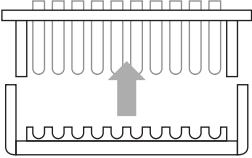
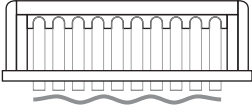


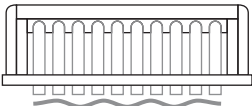

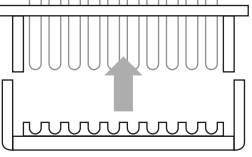



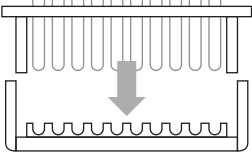

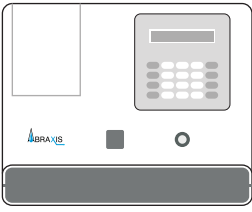


[**Safety Caution:** Stopping Solution contains diluted sulfuric acid.]

For Ordering or Technical Assistance Contact:
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Web: www.abraxiskits.com

Penoxsulam Magnetic Particle Kit Part # 500501, 100 Test

PENOXsulAM CONCISE FLOWCHART

<p>1.</p>  <p>Separate the rack.</p>  <p>Add 250 μL of either Standards, Control or Samples to the bottom of each test tube.</p>	<p>6.</p>  <p>Invert the combined rack to decant. Blot gently.</p>
<p>2.</p>  <p>Add 250 μL of mixed Penoxsulam Enzyme Conjugate to each test tube.</p> <p>Vortex.</p>	<p>7.</p>  <p>Add 1 mL of Washing Solution to each tube.</p> <p>Wait 2 minutes.</p> <p>Invert the combined rack to decant. Blot gently.</p> 
<p>3.</p>  <p>Add 500 μL of thoroughly mixed Magnetic Particles to each test tube.</p>	<p>8.</p>  <p>Separate the rack.</p> <p>Add 500 μL of Color Solution to each test tube.</p> <p>Vortex.</p> 
<p>4.</p>  <p>Incubate for 45 minutes.</p>	<p>9.</p>  <p>Incubate for 20 minutes. Prepare blank.</p>
<p>5.</p>  <p>Combine the rack and magnetic base.</p> <p>Seat all tubes.</p> <p>Wait 2 minutes.</p>	<p>10.</p>  <p>Add 500 μL of Stopping Solution to each test tube.</p> 

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