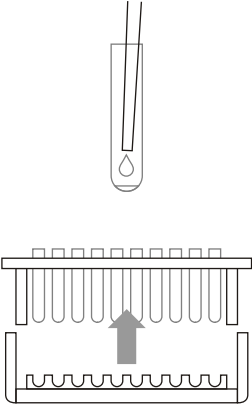
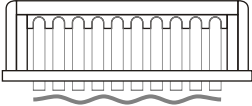

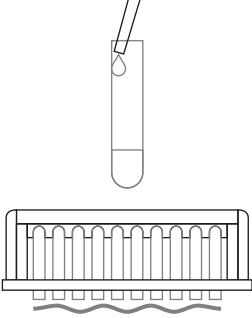

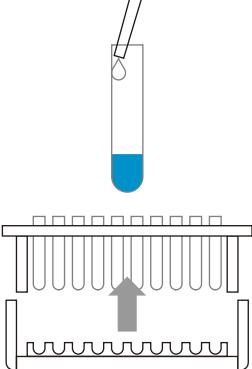


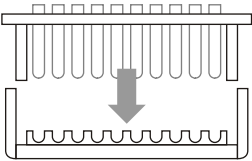
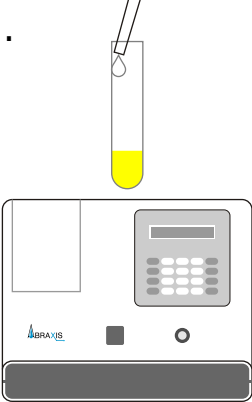


PCB DETAILED FLOWCHART


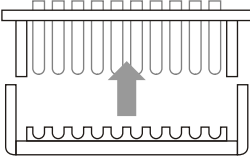
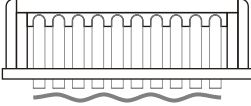


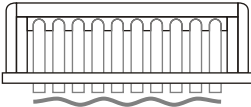


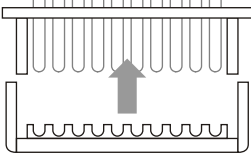


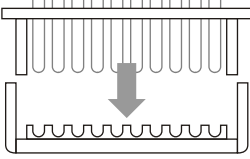

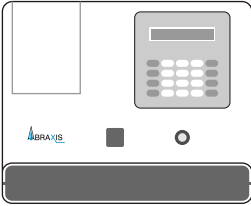
<p>1.</p>  <p>Remove upper rack from magnetic base. Label test tubes for Standards, Control, and Samples.</p> <table border="1"> <thead> <tr> <th>Tube #</th> <th>Content</th> </tr> </thead> <tbody> <tr> <td>1, 2</td> <td>Diluent/Zero Standard 0 ppb</td> </tr> <tr> <td>3, 4</td> <td>Standard 1, 0.25 ppb</td> </tr> <tr> <td>5, 6</td> <td>Standard 2, 2.5 ppb</td> </tr> <tr> <td>7, 8</td> <td>Standard 3, 25.0 ppb</td> </tr> <tr> <td>9</td> <td>Control</td> </tr> <tr> <td>10</td> <td>Sample 1</td> </tr> <tr> <td>11</td> <td>Sample 2</td> </tr> <tr> <td>12</td> <td>Sample 3</td> </tr> </tbody> </table> <p>Add 200 μL 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.</p>	Tube #	Content	1, 2	Diluent/Zero Standard 0 ppb	3, 4	Standard 1, 0.25 ppb	5, 6	Standard 2, 2.5 ppb	7, 8	Standard 3, 25.0 ppb	9	Control	10	Sample 1	11	Sample 2	12	Sample 3	<p>6.</p>  <p>Do not separate upper rack from lower base. Using a smooth motion, <i>invert</i> 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.</p>
Tube #	Content																		
1, 2	Diluent/Zero Standard 0 ppb																		
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7, 8	Standard 3, 25.0 ppb																		
9	Control																		
10	Sample 1																		
11	Sample 2																		
12	Sample 3																		
<p>2.</p>  <p>Add 250 μL of PCB 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.</p>	<p>7.</p>  <p>Add 1 mL of Washing Solution down the inside wall of each tube by using the technique described in Box 2. <i>Wait 2 minutes</i>. 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.</p>																		
<p>3.</p>  <p>Add 500 μL of thoroughly mixed PCB Antibody Coupled Magnetic Particles down the inside wall of each tube by using the technique described in Box 2. <i>Vortex</i> for 1 to 2 seconds (at low speed to minimize foaming).</p>	<p>8.</p>  <p><i>Lift</i> 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. <i>Vortex</i> for 1 to 2 seconds (at low speed to minimize foaming).</p>																		
<p>4.</p>  <p>React 15 minutes at room temperature (15° - 30°C).</p>	<p>9.</p>  <p>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.</p>																		
<p>5.</p>  <p>Combine the upper rack with the magnetic base; press all tubes into base; allow 2 minutes for the particles to separate.</p>	<p>10.</p>  <p>Add 500 μL of Stopping Solution down the inside wall of each tube by using the technique previously described. <i>Read</i> results at 450 nm within 15 minutes after adding the Stopping Solution. <i>Multiply</i> results of samples by the appropriate dilution factor (if any).</p> <p>[Safety Caution: Stopping Solution contains diluted sulfuric acid.]</p>																		

For Ordering or Technical Assistance Contact:
 ABRAXIS, LLC 54 Steamwhistle Drive, Warminster, PA 18974
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 Web: www.abraxiskits.com

PCB Magnetic Particle Kit Part # 530001, 100 Test



PCB CONCISE FLOWCHART

<p>1.</p>  <p>Separate the rack.</p>  <p>Add 200 μL of either Standards, Control or Samples to the bottom of each test tube.</p>	<p>6.</p>  <p>Invert the combined rack. Blot gently.</p>
<p>2.</p>  <p>Add 250 μL of PCB Enzyme Conjugate to each test tube.</p>	<p>7.</p>  <p>Add 1 mL of Washing Solution. Wait 2 minutes. Invert the combined rack. Blot gently. Repeat this step.</p> 
<p>3.</p>  <p>Add 500 μL of mixed Magnetic Particles to each test tube. Vortex.</p>	<p>8.</p>  <p>Separate the rack. Add 500 μL of Color Reagent to each test tube. Vortex.</p> 
<p>4.</p>  <p>Incubate for 15 minutes.</p>	<p>9.</p>  <p>Incubate for 20 minutes. Prepare blank.</p>
<p>5.</p>  <p>Combine the rack and magnetic base. Seat all tubes. Wait 2 minutes.</p>	<p>10.</p>  <p>Add 500 μL of Stopping Solution to each test tube. Read OD 450</p> 

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