

# SPINOSYN DETAILED FLOWCHART

1.



Label test tubes for Standards (Calibrators), Control, and Samples.

Tube #	Content
1, 2	Diluent/Zero Standard 0 ppb
3, 4	Standard 1, 0.05 ppb
5, 6	Standard 2, 0.125 ppb
7, 8	Standard 3, 0.25 ppb
9, 10	Standard 4, 0.5 ppb
11	Sample 1
12	Sample 2
13	Sample 3

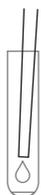
Add 500  $\mu$ L of either Standards, Control or Samples down the inside wall of each test tube by aiming the pipet tip 1/4" to 1/2" below the tube rim without touching the rim or tube wall with the pipet tip; deliver liquid gently.

6.

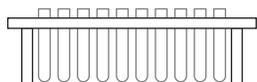


Add 4 mL of Washing Solution to each tube (alternatively flood the tubes completely with wash solution then invert to empty tubes). Using a smooth motion, invert tubes over a sink and pour out the tube contents: keep inverted and blot the test tube rims on several layers of paper toweling. Repeat this step 4 times for a total of five washes.

2.



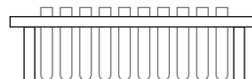
Add 250  $\mu$ L of the Spinosyn Antibody Solution to the bottom of each tube by inserting the pipette tip all the way into the bottom of the tube without touching the side of the tubes.



7.



Add 500  $\mu$ L of Color Reagent down the inside wall of each tube by using the technique described in Box 2.



3.



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

8.



React for 15 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 8.

4.

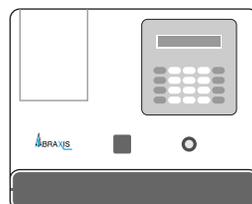


Add 250  $\mu$ L of Spinosyn Enzyme Conjugate down the inside wall of each tube by using the technique described in Box 2. Vortex or swirl for 5 to 10 seconds

9.



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.]

5.



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

For Ordering or Technical Assistance Contact:  
**ABRAXIS, LLC 54 Steamwhistle Drive, Warminster, PA 18974**  
 Phone: 215-357-3911 Fax: 215-357-5232  
 Web: [www.abraxiskits.com](http://www.abraxiskits.com)

Spinosyn Tube Kit Part # 50020B, 40 Test

# SPINOSYN CONCISE FLOWCHART

1.



Add 500  $\mu$ L of either Standards, Control or Samples to the bottom of each test tube.

6.



Add 4 mL of Washing Solution (alternatively flood the tubes).

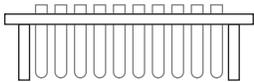
Invert the tubes and blot.

Repeat this step 4 times for a total of five washes.

2.



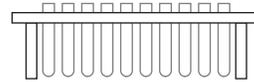
Add 250  $\mu$ L of Antibody Solution to each test tube.



7.



Add 500  $\mu$ L of Color Reagent down the inside wall of each test tube.



3.



Incubate for 15 minutes.

8.



Incubate for 15 minutes.

Prepare blank.

4.



Add 250  $\mu$ L of Spinosyn Enzyme Conjugate to each test tube.

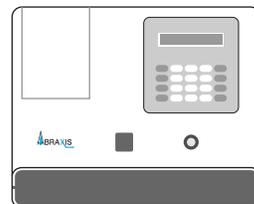
Vortex or swirl.

9.



Add 500  $\mu$ L of Stopping Solution to each test tube.

Read OD 450



5.



Incubate for 15 minutes.

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